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CARL SALBACH

657 Woodmont Ave.

BERKELEY, CALIF.



Dahlias, Dahlia Seed
Gladiolus

General Information

Please read carefully before ordering.

Order Early. Early orders are solicited to prevent disappointments in case the variety selected should be sold out.

Please write your *name and address* plainly.

Stock. All of our dahlia orders will be filled with strong divisions of field grown tubers. All gladiolus bulbs will be of good blooming size and irises good strong rhizomes.

Time. Gladiolus will be ready for shipment early in November. Eastern orders, however, will be mailed between December 15 and March 1 at purchaser's risk from freezing in transit.

Dahlia seed will be ready December 1.

Dahlia tubers will be ready March 15, except this year's introductions.

We give no guarantee for tubers used for forcing green plants.

Substitutions. We do not substitute unless directed to do so. If late in the season, we suggest that you indicate a second choice.

Terms. Cash should accompany order unless satisfactory credit references are given. Remit by Postal Money Order from Canada and other foreign countries.

Postage. All retail orders amounting to \$1.00 or over will be delivered prepaid to all points reached by Parcel Post.

On orders of less than \$1.00 add 25 cents for postage.

Guarantee. We exercise every care to ship only first-class stock, but give no warranty, expressed or implied, and will not be in any way responsible for the results of planting or forcing of any seeds, bulbs, roots or tubers sent out by us. We are anxious to satisfy all of our customers and will gladly make replacement or refund purchase price of any article that does not prove true to name or does not arrive in good growing condition. Please notify us at once if a shipment should not arrive in satisfactory condition. If the purchaser does not accept the goods on these terms no sale is made, and they must be returned at once.

Prices given in this catalog cancel all previous quotations.

References. For our business standing, please refer to *First National Bank and Bank of Italy in Berkeley, Farmers and Merchants Savings Bank, Oakland, California.*

CARL SALBACH

Originator and Grower

657 Woodmont Avenue

Berkeley, Calif., U. S. A

Telephone Ashberry 1066

Introduction

Every business must stand or fall on the quality of stock it dispenses and the kind of service it renders.

The selection of our stock is made with utmost care. Each year we test many new varieties and add only such as are distinct improvements over existing kinds.

Our stock is grown under ideal soil and climatic conditions and our equipment for housing and curing our bulbs is the finest that can be obtained, this enabling us to furnish our customers fine clean healthy stock that is sure to grow.

The word "Service" is much abused. Our idea of service is conducting our business in such a manner as to satisfy our customers. In addition to our fine growing conditions and splendid equipment we employ trained workmen for our outside work and the most efficient office help available. We realize, however, that no one person or system is 100% perfect and are therefore always pleased to have suggestions from our friends and customers.



657 Woodmont Avenue,
Berkeley, Calif.

Phone Ashberry 1066

Member of

Alameda County Floral Society
American Dahlia Society
American Gladiolus Society
American Iris Society
British Gladiolus Society

British Iris Society
California Gladiolus Society
Dahlia Society of California
Dahlia Society of Southern California
The Dahlia Society of San Francisco

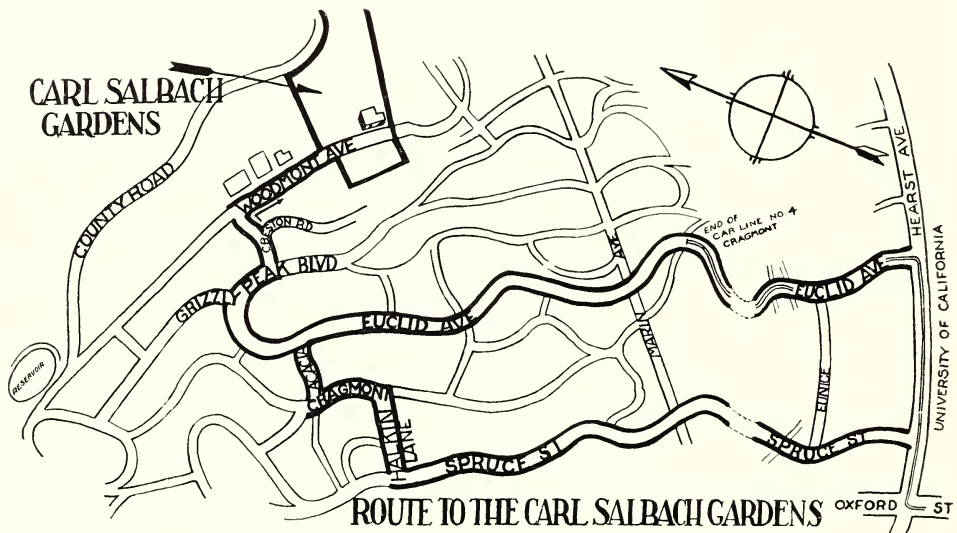
Fellow Royal Horticultural Society

The Salbach Gardens

THE Salbach Gardens originated in 1912 as an office man's hobby. We first planted our own back yard, then our neighbors' lots, then we rented acreage. In 1925 we purchased virgin land on the east slope of the Berkeley hills. This property is ideally located and a trip up to the gardens is one of the most scenic about San Francisco Bay.

Our permanent address is now assured. The streets of the tract are cut through and named. Uncle Sam has numbered our house and the path to our door is now a paved highway. You are always welcome.

To reach the gardens follow Euclid Avenue keeping to the right on Grizzly Peak Boulevard (a continuation of Euclid Avenue), turning left onto Creston Road. Follow our garden signs. We are just one mile from the end of the No. 4 Cragmont car line.



Gladiolus

The modern gladiolus of the summer garden are the most popular of all flowers. They are invaluable to the landscape gardener for color splashes and for bedding and to the florist and the home decorator they are the most beautiful and lasting of all the garden blooms.

The spikes grow tall and elegant, sturdy and dignified, slender and graceful, and the color range is absolutely infinite. There is a single spike for the slender vase, a corsage for the luncheon guest, an adorable basket for the debutante and a glorious bowl full for the dance.

Primulinus hybrids are a cross between the small Primulinus species which is found growing wild near Victoria Falls, South Africa, and the large gladiolus. The result is a new variety known as Primulinus Hybrids. The blooms are smaller than those of the gladiolus, are slightly hooded. Grandiflora primis are larger primulinus hybrids with less hood and greater breadth of floret. Both varieties are poised like butterflies on long slender stems. They come in the beautiful nasturtium shades with a few exquisite pinks. Because of the size and the graceful pliant stems, they are especially lovely for baskets and table decorations.

Planting Suggestions

Color selection for the gladiolus is much more vital than for bushier plants that have more foliage to act as a buffer between colors that do not harmonize. The orchid pinks, lavenders and purples give the characteristic color tone to one group, the salmon pinks, scarlets and oranges shade to the other.

If the first plantings are made early in the season and followed by successive planting every three or four weeks, blooms may be had for six months. Ninety days is the average time from planting to blooming.

Group plantings of single varieties or of different shades of the same color are usually the most enjoyable. Three to four dozen bulbs are necessary for a rich color mass in an oval bed approximating two by three feet.

Comparative display gardens are best planted in rows two feet apart. Stagger rows make the best color effect. The bulbs should be set from four to six inches apart in the rows thus

It is much easier to decide the arrangement of such plantings a season ahead while the gladiolus are still in bloom, because not only color values need thought, but the height of blooming stalk should be considered.

[How to Grow Gladiolus

The bulbs should be planted in the spring, after all danger of frost is over. Plant from four to six inches deep, according to the lightness of the soil and the size of the bulbs. In a cool climate they thrive best in a good sunny place. Where the summers are extremely warm, a partially shaded place is preferable.

We do not advocate the use of dressing too liberally. A light application of any well decayed manure or good commercial fertilizer applied on the top of the ground after the plants are several inches high will aid in producing larger blooms. *Never apply fertilizer at the time of planting.* The ground should be kept moist (not wet) until the flower spikes begin to appear, then water freely. The spikes can be cut as soon as the first bud begins to open. Four or five of the lower leaves should be left to help mature the new bulb.

The bulbs should be dug as soon as the leaves turn yellow or as soon as they are killed by frost. They should be lifted tops and all and allowed to cure, preferably out of doors. If in a warm climate, they should be shaded during the heat of the day and should at all times be protected from frost. The usual time for curing is from four to six weeks. When thoroughly dry, the tops should be cut off close to the bulbs and the old dried corns removed from the bottom of these new bulbs. Store in shallow trays in a cool dry place protected from frost.



Betty Nuthall

New Gladiolus

The desire for "new things" is often so much bigger than the budget allowance, that we are listing the more expensive varieties in four different sizes—large, medium, small and bulblets, priced according to size. All varieties will give good spikes of bloom from the first two sizes and many will bloom from small bulbs and bulblets. All sizes will produce fine blooming size bulbs and a number of bulblets the first year.

Large size bulbs (abbreviated L) run 1½ inches and over, medium size (abbreviated M) from ¾ inch to 1 inch, small (abbreviated S) from ½ to ¾ inch. Bulblets will be abbreviated Blts. Bulblet orders may be increased but will not be sold in smaller quantities than those quoted. Twelve bulbs will be sold for the price of ten, and six will be sold at the dozen rate.

NEW SALBACH ORIGINATIONS

Betty Nuthall (25 1/11) (*Salbach*) 1928. As an American tribute to England's foremost woman tennis player we have named our most outstanding 1928 introduction Betty Nuthall. This beautiful flower impressed us the first time we observed it in bloom and each year thereafter it has been one of the most outstanding varieties in our test garden. The plants are tall and vigorous in growth. The flower spikes are long and graceful, carrying from six to eight large well expanded blooms open at one time. Some blooms have measured six inches across. The color is a warm light coral, with pale orange throat markings and light feathering of carmine. It is a good increaser, the large bulbs usually produce from two to three separate stalks.

L. \$7.50 each; M. \$5.00 each; S. \$2.50 each; Blts. 3 for \$1.00.

Diablo (*Salbach*) 1929. Glowing velvety scarlet, throat and tongue almost black. Seven large round florets open at one time, ten buds to follow. Heavy substance, does not burn or fade. Tall and very early. Outstanding. (See page 5).

L. \$5.00 each; M. \$3.00 each; S. \$2.00 each; Blts. \$1.00 each.

Don of Peralta (*Salbach*) 1928. A Rose Ash seedling inheriting much of the vigor of the parent but differing entirely in color. The plant is tall with a long flower spike. The large blooms are brilliant red with a prominent blotch of straw yellow. Very striking.

L. 50c each, \$5.00 doz.; M. 30c each, \$3.00 doz.; S. 20c each, \$2.00 doz.; Blts. 25 for \$1.00.

Dorothy Simpson (*Salbach*) 1928. Large beautifully ruffled Persian lilac with soft mallow purple heart set into a pale amber yellow blotch. From five to six well placed blooms open at one time. Very heavy substance.

L. \$1.50 each; M. \$1.00 each; S. 50c each; Blts. 10 for \$1.00.

Dove Kilgore (*Salbach*) 1929. Grandiflora prim. Lovely ruffled shrimp pink, lower petals soft straw yellow with carmine tongue. Round florets, well spaced, six open, nine buds. Tall, vigorous. Beautiful with blue delphinium.

L. \$2.00 each; M. \$1.50 each; S. \$1.00 each.

Frank M. Shick (23 2/3) (*Salbach*) 1928. This is one of the loveliest gladiolus in our whole collection. The blooms are of good size and

are clear geranium pink except the soft cream throat markings. From eight to ten well placed blooms open at one time. This gladiolus has a splendid future. See Cut Page 8.

L. \$3.00 each, \$30.00 doz.; M. \$2.00 each, \$20.00 doz.; S. \$1.00 each, \$10.00 doz.; Blts. 5 for \$1.00.

Gay Hussar (200 1/7) (*Salbach*) 1928. From a tall yellow seedling and Nancy Hanks. Large wide open rich salmon orange, shading to orange yellow throat, scarlet throat markings. Many well expanded flowers open at one time. A wonderful flower and a rapid multiplier. See page 14.

L. \$3.00 each; M. \$2.00 each; S. \$1.00 each; Blts. 5 for \$1.00.

Golden Amber (*Salbach*) 1928. A very attractive tall primulinus hybrid on the order of Souvenir but of a deeper richer yellow with a longer flower spike. 5 to 6 blooms open at one time. The backs of the petals and the buds are bronze.

L. \$1.00 each; M. 75c each; S. 50c each; Blts. 15 for \$1.00.

Improved Tiplady (*Salbach*) 1928. Saffron orange very similar to Alice Tiplady but taller with longer flower spike and more flowers open at one time. Foliage smooth and straight. Rapid multiplier.

L. 50c each, \$5.00 doz.; M. 35c each, \$3.50 doz.; S. 25c each, \$2.50 doz.; Blts. 50 for \$1.00.

Miss California (*Salbach*) 1929. Grandiflora prim. Clear Hermosa pink with amber yellow lip stippled carmine deep in throat. Five open, thirteen buds. Fine placement. Tall.

L. \$2.00 each; M. \$1.00 each; S. 50c each; Blts. 10 for \$1.00.

O. D. Baldwin (*Salbach*) 1929. Deep rich velvety red with cherry blotch. Wide open well placed blooms. Medium tall.

L. \$5.00 each; M. \$3.00 each; S. \$2.00 each; Blts. 5 for \$1.00.

Orange Butterfly (*Salbach*) 1928. A rich glowing bronzy orange primulinus hybrid. As the name indicates the flowers are butterfly shape. They are of excellent substance, and beautifully placed, six to eight open at one time. This flower was invariably the first one to be noticed in every basket in which it appeared.

L. \$2.50 each; M. \$1.50 each; S. 75c each; Blts. 6 for \$1.00.

New Salbach Originations

Orinda (*Salbach*) 1929. Grandiflora prim. Ruffled. Strawberry pink with soft orange shadings, two lower petals light orange yellow, faint penciling of scarlet red in throat. Six open at once. Tall, early and of excellent substance.

L. \$2.00 each; M. \$1.50 each; S. \$1.00 each; Blts. 5 for \$1.00.

Salbach's Pink (23 1/11 A) (*Salbach*) 1929. Large wide open glowing geranium pink with soft carmine tongue and throat markings. Petals slightly recurved. Long graceful flower spike with six to eight open at once. Perfect placement and heavy substance. Last buds open in water as well as the first. Medium tall.

We feel that this is one of the finest gladiolus we have yet introduced.

L. \$10.00 each; M. \$7.50 each; S. \$5.00 each; Blts. \$2.00 each.

San Mateo (*Salbach*) 1928. A very lovely clear rose pink similar in shade to that of Pink Lily. San Mateo is however a larger flower with a longer spike. The texture is very heavy.

L. \$2.00 each; M. \$1.50 each; S. \$1.00 each; Blts. 6 for \$1.00.

Senorita (*Salbach*) 1928. Very large, clear wide open orange shading to salmon. Lower petals bright orange yellow with prominent carmine tongue and penciling. Florets large and wide open. Substance excellent. Plants sturdy and of medium height. This received mention in one of the British magazines as one of the leading new outstanding varieties.

L. \$2.00 each, \$20.00 doz.; M. \$1.50 each, \$15.00 doz.; S. \$1.00 each, \$10.00 doz.; Blts. 6 for \$1.00.

Sheba (*Salbach*) 1928. Very large, wide open, tall, jasper pink self. Five to six well placed blooms open at one time. A splendid cut flower and a rapid multiplier.

L. \$1.00 each, \$10.00 doz.; M. 75c each, \$7.50 doz.; S. 50c each, \$5.00 doz.; Blts. 15 for \$1.00.

Sir Thomas Lipton (*Salbach*) 1929. Large salmon rose pink heavily flaked smoky steel. The spike is long with many open. Growth vigorous. A very unusual and attractive novelty.

L. \$5.00 each; M. \$3.00 each; S. \$1.50 each; Blts. 5 for \$1.00.



Diablo

Special Collections of New Salbach Originations

One each 1929 introductions, large size, value \$31.00, for.....	\$27.50
With Betty Nuthall, large size, value \$38.50, for.....	32.50
One each 1929 introductions, medium size, value \$20.50, for.....	17.50
With Betty Nuthall, medium size, value \$25.50, for.....	20.00
One each 1929 introductions, small size, value \$13.00, for.....	12.00
With Betty Nuthall, small size, value \$15.50, for.....	13.50

Other Originators' New Gladiolus

Col. Chas. Lindbergh (*Kunderd*). Large wide open rose pink. Good placement and splendid substance.

L. \$5.00 each; M. \$3.50 each; S. \$1.50 each; Blts. 3 for \$1.00.

Coronado (*Briggs*). Immense ruffled white with beautiful purple throat markings. Heavy substance. A gladiolus with a big future. Stock limited.

L. \$10.00 each; M. \$7.50 each; S. \$5.00 each; Blts. \$2.00 each, or 12 for \$20.00.

Diener's Lilac (*Diener*). Large wide open delicate lilac, soft canary throat. Stock limited.

L. \$10.00 each; M. \$7.50 each; S. \$5.00 each; Blts. \$1.50 each.

Frank J. McCoy (*Briggs*). Large tall glowing salmon pink, scarlet blotch. Won blue ribbon California Gladiolus Show.

L. \$10.00 each; M. \$7.50 each; S. \$5.00 each; Blts. \$2.00 each.

Frederick Christ (*Diener*). Very large flowers of delicate La France pink, canary throat, a beautiful color combination. Long flower spike with many open. See page 11.

L. \$6.00 each; M. \$4.00 each; S. \$2.50 each; Blts. 60c each, 2 for \$1.00.

Heavenly Blue (*Pfitzer*). Large clear delicate lavender blue of great refinement and elegance. Reverse of petals much darker. Long graceful spike, many open. Flower as a whole lighter than Mrs. Van Konynenburg. A bouquet of Heavenly Blue—the delicate pinks and soft yellows is truly heavenly. Blooms well to the very tip of spike when cut.

L. \$7.50 each; M. \$5.00 each; S. \$2.00 each; Blts. 2 for \$1.00, 10 for \$4.50.

Lily of Gold (*Kunderd*). A rich canary self, lower petals shading deeper. Large wide open ruffled flowers of heavy substance. Does not burn or wilt in hottest weather. Stock limited.

M. \$30.00 each; S. \$15.00 each; Blts. \$4.00 each.

Matilda Ann (*Diener-Fletcher*). A beautiful pure white of excellent substance. Tall, many open.

L. \$5.00 each; M. \$3.50 each; S. \$2.00 each; Blts. \$1.00 each.

Millionaire (*Kunderd*). Large rich velvety crimson, light canary blotch in throat. Very striking.

L. \$1.00 each; M. 75c each; S. 50c each; Blts. 10 for \$1.00.

Miss Des Moines (*Prestgard*). Lovely clear pale lilac shading deeper at tips of petals. Blossoms well placed on long wiry stems. Good healthy grower. Won the \$100.00 Sisson prize at Des Moines 1926 for best new variety.

L. \$25.00 each; M. \$12.50 each; S. \$7.00 each; Blts. \$3.00 each, or 4 for \$10.00.



Heavenly Blue

Mrs. Calvin Coolidge (*Kunderd*). Grandiflora prim. Salmon rose pink, lower petals soft creamy yellow, bordered pink. A. G. S. Award of Merit 1926 as best new grandiflora primulinus.

L. \$2.50 each; M. \$1.50 each; S. \$1.00 each; Blts. 6 for \$1.00.

General List Gladiolus

Ada De Poy (*Salbach*) 1925. A typical primulinus hybrid of clear apricot with bronze shadings. Very long spikes with six to eight flowers open at one time. Slightly ruffled. Received Award, British Gladiolus Society, 1927.

25c each, **\$2.50 doz.**; Blts. 50 for **\$1.00**.

A. E. Kunderd (*Kunderd*). A tall, stately spike of richest salmon rose, lighter toward center of throat. Beautiful markings on three lower petals. Ruffled.

L. **\$1.50** each; M. **\$1.00** each; S. **50c** each; Blts. **25c** each.

Altair (*Kunderd*). Tall salmon saffron primulinus hybrid. **10c** each; **\$1.00** doz.

Alton (*Kunderd*). A wonderfully ruffled variety of fine orange color. . . . **15c** each; **\$1.50** doz.

Anna Eberius (*Diener*). Dark velvety purple, throat shading deeper. Wide open flowers of excellent substance. . . **10c** each; **\$1.00** doz.

Arthur Lockwood (*Salbach*) 1925. Very tall variety of clear Hermosa pink. Blooms well placed on a spike. As many as 8 open at one time. **20c** each; **\$2.00** doz.

Arlon (*Kunderd*). Bright salmon orange prim, scarlet tongue and throat. **10c** each; **\$1.00** doz.

Baby Mine (*Salbach*) 1927. Grandiflora primulinus. Large wide open pure La France pink with milk white throat. Tall and vigorous in growth. Long flower spikes with 6 to 8 beautifully placed blooms open at one time. Substance excellent.

L. **50c** each, **\$5.00** doz.; M. **30c** each, **\$3.00** doz.; S. **20c** each, **\$2.00** doz.; Blts 100 for **\$1.00**.

Bengal Tiger (*Pratt*). Large flowers of smoky red, lined and striped steel gray.

L. **20c** each, **\$2.00** doz.

Betty Nuthall (*Salbach*) 1928. As an American tribute to England's foremost woman tennis player we have named our most outstanding 1928 introduction Betty Nuthall. This beautiful flower impressed us the first time we observed it in bloom and each year thereafter it has been one of the most outstanding varieties in our test garden. The plants are tall and vigorous in growth. The flower spikes are long and graceful, carrying from six to eight large well expanded blooms open at one time. Some blooms have measured six inches across. The color is a warm light coral, with pale orange throat markings and light feathering of carmine. It is a good increaser, the large bulbs usually produce from two to three separate stalks.

L. **\$7.50** each; M. **\$5.00** each; S. **\$2.50** each; Blts. 3 for **\$1.00**.

Byron L. Smith (*Kunderd*). A beautiful orchid-like lavender pink. The blooms are large, wide open and exceptionally well placed. This is one of the finest lavenders. . . **15c** each; **\$1.50** doz.

California Canary (*Salbach*) 1925. Very tall light golden yellow to canary with rich amber

yellow on two lower petals. From 18 to 20 flowers on spike with 6 to 8 open at one time. Well placed. **15c** each; **\$1.50** doz.

Catherine Coleman (*Coleman*). Very large geranium pink. Excellent substance, fine placement; long tall spikes. One of the aristocrats. **35c** each; **\$3.50** doz.

Claremont (*Salbach*). A beautiful clear canary yellow self of excellent substance and fine placement. Spike strong. Six to eight blooms open at one time. **20c** each; **\$2.00** doz.

Col. Chas. Lindbergh (*Kunderd*). Large wide open rose pink. Good placement and splendid substance.

L. **\$5.00** each; M. **\$3.00** each; S. **\$2.00** each.

Coral Prim (*Salbach*) 1927. An improved Glow. Tall glowing light coral red to orange yellow throat, with soft scarlet red tongue and veining on lower petals. Fine long flower spike. A strong grower and a rapid multiplier.

L. **50c** each, **\$5.00** doz.; M. **30c** each, **\$3.00** doz.; S. **15c** each, **\$1.50** doz.; Blts., 100 for **\$1**.

Coronado (*Briggs*). Immense ruffled white with beautiful purple throat markings. Heavy substance. A gladiolus with a big future. Stock limited.

L. **\$10.00** each; M. **\$7.50** each; S. **\$5.00** each; Blts. **\$2.00** each, 12 for **\$20.00**.

Crimson Glow (*Betscher*). A very large wide open glowing crimson. The flowers are of fine form and exceedingly well placed on the spike. A vigorous grower. **10c** each; **\$1.00** doz.

Diablo (*Salbach*) 1929. Glowing velvety scarlet, throat and tongue almost black. Seven large round florets open at one time, ten buds to follow. Heavy substance, does not burn or fade. Tall and very early. Outstanding.

L. **\$5.00** each; M. **\$3.00** each; S. **\$2.00** each; Blts. **\$1.00** each. See page 5.

Diener's American Beauty (*Diener*). Brilliant American beauty color, prominent cream yellow throat. Flowers large and well placed. Many open at one time. . . **15c** each; **\$1.50** doz.

Diener's Lilac (*Diener*). Large wide open delicate lilac, soft canary throat. Stock limited.

L. **\$10.00** each; M. **\$7.50** each; S. **\$5.00** each; Blts. **\$1.50** each.

Don of Peralta (*Salbach*) 1928. A Rose Ash seedling inheriting much of the vigor of the parent but differing entirely in color. The plant is tall with a long flower spike. The large blooms are brilliant red with a prominent blotch of straw yellow. Very striking.

L. **50c** each, **\$5.00** doz.; M. **30c** each, **\$3.00** doz.; S. **20c** each, **\$2.00** doz.; Blts. 25 for **\$1.00**.

Dorothy Simpson (*Salbach*) 1928. Large beautifully ruffled Persian lilac with soft mallow purple heart set into a pale amber yellow blotch. From five to six well placed blooms open at one time. Very heavy substance.

L. **\$1.50** each; M. **\$1.00** each; S. **50c** each; Blts. 10 for **\$1.00**.

Gladiolus—General List Continued

Dove Kilgore (*Salbach*) 1929. Grandiflora prim. Lovely ruffled shrimp pink, lower petals soft straw yellow with carmine tongue. Round florets, well spaced, six open, nine buds. Tall, vigorous. Beautiful with blue delphinium.

L. \$2.00 each; M. \$1.50 each; S. \$1.00 each.

Dr. F. E. Bennett (*Diener*). One of the finest of all the reds. Very large, tall, brilliant flame scarlet. Many open at one time. Awarded numerous first prizes as the best red.

20c each; \$2.00 doz.

Dr. Moody (*Kinyon*). Beautiful large clear lavender without throat markings. The blooms are well placed. Many open early and a good propagator.

L. \$5.00 each; M. \$2.50 each; S. \$1.25 each; Blts. 5 for \$1.00.

Dr. Nelson Shook (*Kunderd*) 1925. A giant in plant and flower. Deep Tyrian rose color. Has been awarded many first prizes at the National Shows.

L. 75c each, \$7.50 doz.; M. 50c each, \$5.00 doz.; S. 30c each, \$3.00 doz.; Blts. 15 for \$1.00.

Early Sunrise (*Velthuys*). This beautiful gladiolus has the colors of a sunrise before a storm. The blooms are large, wide open and very handsome. Early.....

15c each; \$1.50 doz.

E. J. Shaylor (*Kunderd*). Tall, strong spike, with large blooms of beautiful deep rose pink. Awarded Certificate of Merit by Royal Horticultural Society of England. A very fine variety. Ruffled.....

10c each; \$1.00 doz.

Elberton (*Kunderd*). Beautiful light yellow to cream. Lower petals and throat deeper. Blooms large and wide open.

10c each, \$1.00 doz.

Emile Aubrun (*Lemoine*). An immense long spike of well placed flowers of most unusual coloring, an indescribable blend of rose and orange with a slaty gray overtone, scarlet and rose blotch on lower petals.

L. 75c each, \$7.50 doz.; M. 50c each, \$5.00 doz.; S. 30c each, \$3.00 doz.; Blts. 15 for \$1.00.

Ethelyn (*Fischer*). Tall golden yellow prim; petals tipped bronze. Long spike, large flowers, many open. Long side spikes.

25c each, \$2.50 doz.

Fay Lanphier (*Miss America*) (*E. L. Williams*). Large flowers of coral luster with cerise blending.....

15c each, \$1.50 doz.

Field's Pink. Deep glowing geranium pink differing in shade from any of the other pink gladiolus. Vigorous grower.

L. 50c each, \$5.00 doz.; M. 30c each, \$3.00 doz.; S. 20c each, \$2.00 doz.; Blts., 25 for \$1.00.

Fort Sumpter (*Bill*). Another red of exceptional merit. A pure scarlet red self. Very large wide open massive flowers.

L. \$7.50 each; M. \$5.00 each; S. \$3.00 each; Blts. \$1.00 each.

Frank M. Shick (*Salbach*) 1928. This is one of the loveliest gladiolus in our whole collection.

The blooms are of good size and are clear geranium pink except the soft cream throat markings. From eight to ten well placed blooms open at one time.

L. \$3.00 each, \$30.00 doz.; M. \$2.00 each, \$20.00 doz.; S. \$1.00 each, \$10.00 doz.; Blts. 5 for \$1.00.



Frank M. Shick

Frederick Christ (*Diener*). Very large flowers of delicate La France pink, canary throat, a beautiful color combination. Long flower spike with many open.

L. \$6.00 each; M. \$4.00 each; S. \$2.50 each; Blts. 60c each, 2 for \$1.00.

Gay Hussar (200 1/7) (*Salbach*) 1928. From a tall yellow seedling and Nancy Hanks. Large wide open rich salmon orange, shading to orange yellow throat, scarlet throat markings. Many well expanded flowers open at one time. A rapid multiplier. See page 14.

L. \$3.00 each, \$30.00 doz.; M. \$2.00 each, \$20.00 doz.; S. \$1.00 each, \$10.00 doz.; Blts. 5 for \$1.00.

Gladiolus—General List Continued



Gertrude Errey

Geraldine Farrar (Diener). Beautiful pale lavender violet with deep violet spot on the lip.

L. 50c each, \$5.00 doz.; M. 30c each, \$3.00 doz.; S. 20c each, \$2.00 doz.; Blts. 15 for \$1.00.

Gertrude Errey (Errey Bros.). Long graceful spikes of shell pink flowers that shade almost white at center, spot of deeper color in throat. Many open, tip bud blooming as well in water as the first. A lovely thing.

L. 50c each, \$5.00 doz.; M. 30c each, \$3.00 doz.; S. 25c each, \$2.50 doz.; Blts. 15 for \$1.00.

Giant Nymph (Coleman). A very large tall variety of light rose pink, with creamy yellow throat. Vigorous grower. 10c each; \$1.00 doz.

Gloriana (Betscher). Tall spike with large flowers of finest golden salmon, pure yellow throat.

L. 50c each.

Golden Amber (Salbach) 1928. A very attractive tall primulinus hybrid on the order of Souvenir but of a deeper richer yellow with a longer flower spike. Five to six blooms open at one time. The backs of the petals and the buds are bronze.

L. \$1.00 each, \$10.00 doz.; M. 75c each, \$7.50 doz.; S. 50c each, \$5.00 doz.; Blts 15 for \$1.00.

Golden Dream (Groff). A clear deep golden yellow of splendid substance; very tall, many open at one time. Has a fine future.

L. \$1.00 each, \$10.00 doz.; M. 60c each, \$6.00 doz.; S. 30c each, \$3.00 doz.; Blts 10 for \$1.00.

Golden Eagle (Austin). Deep rich yellow, ruffled. Substance excellent. Spike tall. Blooms from bulbets and increases rapidly.

L. \$1.00 each; M. 75c each; S. 50c each; Blts. 20 for \$1.00.

Golden Measure (Kelway). Large blossoms of rich golden yellow with no markings. Slightly ruffled. Strong growth with very large spike of bloom. 15c each; \$1.50 doz.

Golden Salmon (Kunderd). Beautiful ruffled glad of golden yellow with salmon red blendings.

L. 50c each; M. 25c each; S. 15c each; Blts. 20 for \$1.00.

Helen Wills (Salbach). 1926. A very elegant, clean, large white, shading to soft canary on lower petals. Tall, vigorous and of wonderful substance. This flower is the finest white gladiolus we have seen and we have named it in honor of America's finest woman tennis player. Six to eight blooms open at one time. Splendid forcing variety. A rapid propagator. The coming white for florists. See page 10.

L. \$2.50 each, \$25.00 doz.; M. \$1.50 each, \$15.00 doz.; S. 75c each, \$7.50 doz.; Blts. 6 for \$1.00.

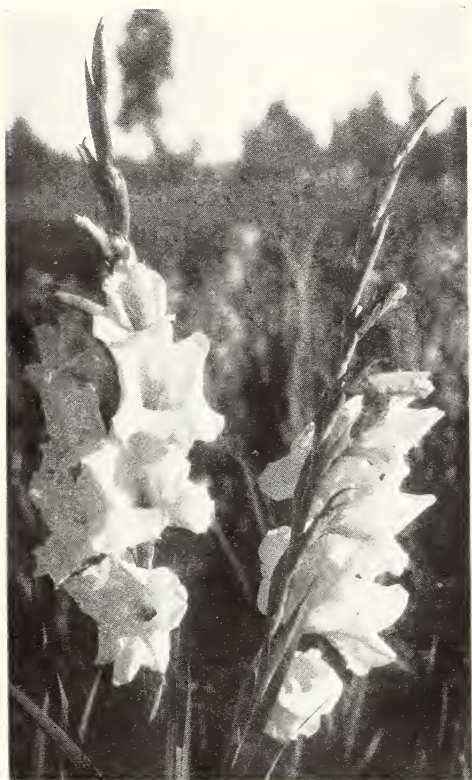
Heavenly Blue (Pfitzer). Large clear delicate lavender blue of great refinement and elegance. Reverse of petals much darker. Long graceful spike, many open. A bouquet of Heavenly Blue with the light pinks and soft yellows is truly heavenly. Blooms out to the very tip when cut. Flowers as a whole lighter than Mrs. Van Konynenburg.

L. \$7.50 each; M. \$5.00 each; S. \$2.00 each; Blts. 2 for \$1.00, 10 for \$4.50.

Henry C. Goehl (Fischer). Pearly white with prominent carmine blotch. Good height and form. Very conspicuous. 20c each; \$2.00 doz.

Idamae (Salbach) 1925. Very large wide open ivory white. Lower petals overlaid pinard yellow with delicate Tyrian rose pencillings and throat markings. Good substance, fine placement. Tall and vigorous. 20c each; \$2.00 doz.

Gladiolus—General List Continued



Helen Wills

Improved Queen of the Night (*Diener*) 1927. Deep maroon. Flowers very large and open. L. 50c each; M. 25c each; S. 15c each; Blts. 20 for \$1.00.

Improved Tiplady (*Salbach*) 1928. Saffron orange very similar to Alice Tiplady but taller with longer flower spike and more flowers open at one time. Foliage smooth and straight. Rapid multiplier. L. 50c each, \$5.00 doz.; M. 35c each, \$3.50 doz.; S. 25c each, \$2.50 doz.; Blts. 50 for \$1.00.

Indian Summer (*Kunderd*). A very late rosy lavender of heavy substance. Tall. Ruffled. L. 25c each.

Jean Tenny (*Australian*). Light silvery rose, edges flushed and sometimes striped with a darker shade of pink, cream blotch in center. Large flowers, long spikes of good form. L. 50c each, \$5.00 doz.; M. 35c each, \$3.50 doz.; S. 20c each, \$2.00 doz.; Blts. 25 for \$1.00.

Jewell (*Zeestraten*). Light salmon pink primulinus hybrid, with golden yellow throat. Flowers large and wide open, slender graceful stems. 15c each, \$1.50 doz.

J. D. Oliver (*Kunderd*). Large flowers of pleasing lavender rose. L. 50c each; Blts. 10 for \$1.00.

John Toland (*Salbach*) 1927. Massive spike of very large bold flowers. Peach red shading lighter to center, prominent velvety ox-blood blotch on lower petals, five to six open at once. Substance excellent. A very striking variety; vigorous grower, rapid multiplier.

L. \$1.00 each, \$10.00 doz.; M. 75c each, \$7.50 doz.; S. 50c each, \$5.00 doz.; Blts. 15 for \$1.00.

John T. Pirie (*Kunderd*). Dark mahogany rose, small yellow blotch in throat. L. 25c each, \$2.50 doz.

La Gaieté. An extra fine cherry-rose with a flaming scarlet blotch.

L. 50c each, \$5.00 doz.; M. 25c each, \$2.50 doz.; S. 10c each, \$1.00 doz.; Blts. 50 for \$1.00.

Lily of Gold (*Kunderd*). A rich canary self, lower petals shading deeper. Large wide open ruffled flowers of heavy substance. Does not burn or wilt in hottest weather. Stock limited. M. \$30.00 each; S. \$15.00 each; Blts. \$4.00 each.

Linalee (*Diener*) Geranium pink with saffron yellow stripe through the center of the two lower petals. Tall and very large. Five to six inches across.

L. \$2.00 each; S. \$1.00 each; Blts. 5 for \$1.00.

Llewellyn (*Salbach*) 1925. A seedling of Pink Lily but much taller and of a lighter shade of rose pink with soft cream throat. Heavily ruffled. 25c each; \$2.50 doz.

Longfellow (*Prestgard*). Tall, slender, wiry spike of large, wide open La France pink blooms. Fine placement. Does not wilt or burn in hot weather. . . . 30c each, \$3.00 doz.

Los Angeles (*Houdyshel*). Beautiful shrimp pink with glowing orange-carmine blotch in throat, tall and graceful. This is a lovely flower in the garden as it blooms over a long period of time and it is in constant demand by the florists. 15c each; \$1.50 doz.

Madame Sully (*De Groat*). Ivory white with carmine blotch in throat. Very distinct and beautiful. 35c each; \$3.50 doz.

Margaret Glendinning (*Salbach*). A seedling of Rose Ash containing more rose pink than its stately parent. A very lovely flower to cut with Rose Ash, or any of the rose pink gladiolus. 15c each; \$1.50 doz.

Marietta (*Metzner*). Very large geranium pink with prominent velvety carmine blotch in throat. A very rich color combination. Tall and stately. 15c each; \$1.50 doz.

Martha Washington (*Vaughan*). A warm light red with dark velvety blotches, almost black, on the lower petals. 20c each; \$2.00 doz.

Matilda Ann (*Diener-Fletcher*). A beautiful pure white of excellent substance. Tall, many open.

L. \$5.00 each; M. \$3.50 each; S. \$2.00 each; Blts. \$1.00 each.

Maurice Fuld (*L. Merton Gage*). Large well expanded flowers of rich rose doree with a blotch of Tyrian rose on pure white throat. Very striking. 50c each; \$5.00 doz.

Gladiolus—General List Continued

Millionaire (*Kunderd*). Large rich velvety crimson, light canary blotch in throat. Very striking.

L. \$1.00 each; M. 75c each; S. 50c each; Blts. 10 for \$1.00.

Mimi (*Salbach*) 1928. Shrimp pink with a mahogany blotch that shades to cherry toward the front of the petal. A half moon of canary runs through the front part of the blotch. Very unusual and attractive.

L. \$1.00 each, \$10.00 doz.; M. 50c each, \$5.00 doz.; S. 25c each, \$2.50 doz.; Blts 20 for \$1.00.

Miss Berkeley (*Salbach*) 1927. Delicate shrimp pink with suggestion of yellow deep in throat. Soft pansy purple throat markings. Fine long flower spike with 8 to 10 well placed blooms open at one time. Very dainty and beautiful.
.....\$2.50 each

Miss California (*Salbach*) 1929. Grandiflora prim. Clear Hermosa pink with amber yellow lip, stippled carmine deep in throat. Five open, thirteen buds. Fine placement. Tall.

L. \$2.00 each; M. \$1.00 each; S. 50c each; Blts. 10 for \$1.00.

Miss Des Moines (*Prestgard*). Lovely clear pale lilac shading deeper at tips of petals. Blossoms well placed on long wiry stems. Good healthy grower. Won the \$100.00 Sisson prize at Des Moines, 1926, for best new variety.

L. \$25.00 each; M. \$12.50 each; S. \$7.00 each; Blts. \$3.00 each, 4 for \$10.00.

Minuet (*Coleman*). Beautiful pure, clear lavender, good size, fine placement, heavy substance and strong, straight stems. A flower of great elegance and beauty.

L. \$2.00 each; M. \$1.50 each; S. \$1.00 each; Blts. 6 for \$1.00.

Mrs. A. B. C. Dohrmann (*Diener*) 1925. Venetian pink overlaid jasper red. Fine stripe of pale green yellow on the lip. Lip faintly spotted with scarlet red. Very large flowers and long spikes. One of Diener's best.

L. \$3.00 each; M. \$2.50 each; S. \$1.00 each; Blts. 5 for \$1.00.

Mrs. Calvin Coolidge (*Kunderd*). Grandiflora prim. Salmon rose pink, lower petals soft creamy yellow, bordered pink. A. G. S. Award of Merit 1926 as best new grandiflora primulinus.

L. \$2.50 each; M. \$1.50 each; S. \$1.00 each; Blts. 6 for \$1.00.

Mrs. Dr. Norton (*Kunderd*). The color is delicate pink, shading to rose pink at tips of pointed petals. The lower petals are blotched sulphur yellow, outside of flower is rose.

.....15c each; \$1.50 doz.

Mrs. F. C. Hornberger (*Hornberger*). A beautiful pure white gladiolus without markings. Nicely ruffled, wide open, perfectly placed blooms of remarkable texture. Twenty-eight buds to the spike. Strong, sturdy and vigorous.



Frederick Christ

L. \$1.00 each; M. 50c each; S. 25c each; Blts. 20 for \$1.00.

Mrs. Frank Pendleton (*Kunderd*). Flushed salmon pink with rich maroon blotched on lower petals.10c each; \$1.00 doz.

Mrs. Frederick C. Peters (*Fischer*). Beautiful shade of rose lilac with a soft crimson blotch, bordered white, on the lower petals. The blooms are slightly ruffled and many open at one time. Plant tall and vigorous. Substance excellent. We consider this one of the finest that we grow.15c each; \$1.50 doz.

Gladiolus—General List Continued

Mrs. John S. Wood (Metzner). One of the largest and tallest gladiolus grown. Deep salmon pink shading to coral pink. Flaked scarlet with ruby dots in throat. A dozen of these great beauties in a local florist's window caused a sensation. Vigorous grower and rapid multiplier. See page 15. . . . **25c** each; **\$2.50** doz.

Mrs. T. Rattray (Errey). Large flowers of bright rose. A wonderful exhibition variety that has been shown with as many as 19 open flowers. L. **\$5.00** each; M. **\$3.00** each; S. **\$2.00** each; Blts. **50c** each.

Mrs. Van Konynenburg. Good blue gladiolus are extremely scarce and this new Holland variety is most welcome. It is a beautiful lilac blue, large, of splendid substance, good form and makes an excellent spike. It is a vigorous grower and a good producer.

L. **\$2.00** each, **\$20.00** doz.; M. **\$1.00** each, **\$10.00** doz.; S. **50c** each, **\$5.00** doz.; Blts. 10 for **\$1.00**.

Muriel (Velthuys). Very lovely light blue with darker throat markings. . . **20c** each; **\$2.00** doz.

Myra (Kunderd). Very large deep salmon over yellow ground. Yellow throat with pink lines. **10c** each, **\$1.00** doz.

Nancy Hanks (Salbach) 1925. Rich apricot to orange pink with grenadine tongue. These primulinus-hybrid colors are very unusual in the large flowering gladiolus. Six or more flowers open at one time, fine placement and substance. Vigorous grower and rapid multiplier. A splendid cut flower. Will not burn in hot climate. Received award of Merit, Haarlem, Holland, also British Gladiolus Society 1926-27. L. **35c** each, **\$3.50** doz.; M. **20c** each, **\$2.00** a doz.; S. **10c** each, **\$1.00** doz.; Blts. 100 for **\$1.00**.

Nimrod (Errey Bros.). A rich deep coppery crimson, flaked chocolate. Five immense flowers open at one time.

L. **\$1.00** each; M. **75c** each; S. **50c** each; Blts. 5 for **\$1.00**.

O. D. Baldwin (Salbach) 1929. Deep rich velvety red with cherry blotch. Wide open well placed blooms. Medium tall.

L. **\$5.00** each; M. **\$3.00** each; S. **\$2.00** each; Blts. 5 for **\$1.00**.

Orange Butterfly (Salbach) 1928. A rich glowing bronzy orange primulinus hybrid. As the name indicates the flowers are butterfly shape. They are of excellent substance, and beautifully placed, six to eight open at one time. This flower was invariably the first one to be noticed in every basket in which it appeared.

L. **\$2.50** each, **\$25.00** doz.; M. **\$1.50** each, **\$15.00** doz.; S. **75c** each, **\$7.50** doz.; Blts. 6 for **\$1.00**.

Orange Queen. An apricot orange primulinus hybrid. Beautiful wide open flowers of excellent substance. . . . **25c** each, **\$2.50** doz.

Orinda (Salbach) 1929. Grandiflora prim. Ruffled. Strawberry pink, with soft orange shadings. Two lower petals light orange yellow, faint penciling of scarlet red in throat. Six open at once. Tall, early and of excellent substance.

L. **\$2.00** each; M. **\$1.50** each; S. **\$1.00** each; Blts. 5 for **\$1.00**.

Osalin (Salbach) 1925. A very lovely coral pink with soft orange marking in throat. Especially beautiful under electric light. This variety is the mid-season pink to use with the early Prince of Wales and Richard Diener. Good height, fine placement, six large blooms open at one time. One of the loveliest gladiolus in the whole garden. Received Award at British Gladiolus Society 1927. . . . L. **35c** each, **\$3.50** doz.; M. **25c** each, **\$2.50** doz.; S. **15c** each; Blts. 30 for **\$1.00**.

Pagan (Diener). Tall bordeaux maroon. Six open at one time.

L. **\$2.00** each; S. **\$1.00** each; Blts. 6 for **\$1.00**.

Paul Pfitzer (Pfitzer). An immense flower of brilliant velvety red-purple. Heavy substance. Good spike. Very showy.

L. **75c** each; M. **50c** each; S. **25c** each; Blts. 10 for **\$1.00**.

Pearl of California (Kingsley). One of the finest of the new introductions. The flowers are of great size and are a beautiful clear La France pink. We have seen as many as twelve open flowers and twenty buds on the same spike. See page 13.

L. **\$2.50** each, **\$25.00** doz.; M. **\$2.00** each, **\$20.00** doz.; S. **\$1.00** each, **\$10.00** doz.; Blts. 10 for **\$1.00**.

Persia. Another dark maroon with bright green foliage and black buds. A striking novelty. **35c** each, **\$3.50** doz.

Pfitzer's Triumph (Pfitzer). This is unquestionably one of the largest and finest gladiolus ever introduced. The enormous Amaryllis-like flowers are bright flaming salmon with a cherry blotch in the throat. It is the most striking gladiolus in the garden.

L. **\$1.50** each, **\$15.00** doz.; M. **\$1.00** each, **\$10.00** doz.; S. **50c** each, **\$5.00** doz.; Blts. 10 for **\$1.00**.

Phaenomen (Pfitzer). Tall with many flowers open. A most pleasing salmon rose color with slight creamy blotch. An exquisite novelty.

L. **50c** each, **\$5.00** doz.; M. **35c** each, **\$3.50** doz.; S. **25c** each, **\$2.50** doz.; Blts. 25 for **\$1.00**.

Philatelia (Kunderd). Deep clean Tyrian rose. Large flowers, vigorous plant. Fine landscape and vase variety.

L. **\$3.50** each; M. **\$2.50** each; S. **\$1.50** each; Blts. **50c** each.

Pink Lily (Kunderd). A magnificently ruffled deep rose pink. Well placed on sturdy spikes. . . . **15c** each; **\$1.50** doz.

Primrose Princess (Salbach) 1927. Very large, stately wide open, clear primrose yellow. Two lower petals rich amber yellow, soft carmine markings deep in throat, 5 to 7 well placed blooms open at one time. Tall plant growth and long flower spike. The large blooms, fine color harmony and poise of the flower all contribute to its elegance.

L. **\$2.00** each, **\$20.00** doz.; M. **\$1.00** each, **\$10.00** doz.; S. **50c** each, **\$5.00** doz.; Blts. 10 for **\$1.00**.

Gladiolus—General List Continued

Prince of Wales (*Kelway*). One of the finest Holland introductions. An improved Halley. Large clear grenadine pink with deeper throat markings. Excellent substance. Beautiful early blooming, and fine for cutting.....
.....10c each; \$1.00 doz.

Purple Glory (*Kunderd*). Deepest velvety maroon red with darker blotches. Beautifully ruffled. Very tall and striking.....
.....20c each; \$2.00 doz.

Purple Queen (*Kunderd*). Large deep violet purple, slightly ruffled.
L. \$1.50 each; Blts. 5 for \$1.00.

Queen Mary (*Salbach*) 1927. A lovely ruffled variety of most excellent substance. Live strawberry pink with a scarlet heart set into the pale orange yellow of the lower petals. The color combination is exquisite, beautiful in the garden and wonderful for florists' work. A rapid multiplier.
L. \$1.00 each, \$10.00 doz.; M. 50c each, \$5.00 doz.; S. 25c each, \$2.50 doz.; Blts. 25 for \$1.00.

Radiant (*Salbach*) 1927. A primulinus hybrid of delicate strawberry pink, shading to lighter throat. The lower petals soft orange pink, beautifully penciled carmine. A charming color combination. Tall with a fine flower spike.
L. 50c each, \$5.00 doz.; M. 35c each, \$3.50 doz.; S. 25c each, \$2.50 doz.; Blts. 25 for \$1.00.

Reah (*Salbach*) 1925. Rich mallow purple shading to mallow pink in center, deep velvety blotch almost black in throat. Large wide open blooms. A striking novelty.
35c each, \$3.50 doz.

Red Velvet (*Kunderd*). Deep cardinal or blood red, very velvety as name indicates.
L. \$2.00 each; M. \$1.50 each; S. \$1.00 each; Blts. 5 for \$1.00.

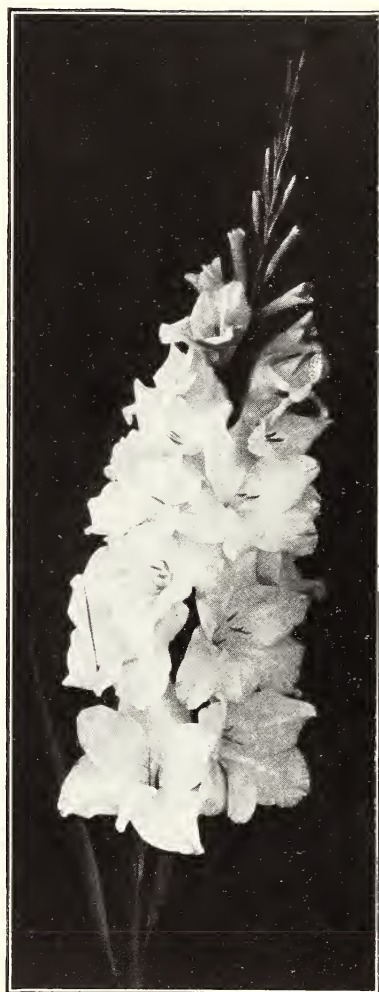
Rev. Ewbank (*Velthuys*). Fine light blue with dark blue tongue tipped cream. Tall and early. A very fine light blue.
25c each, \$2.50 doz.

Revue (*Bill*). A large flowering graceful primulinus hybrid of soft yellow, shading to delicate pink at edges and tips of petals. 25c each

Richard Diener (*Diener*). A very large clear glowing La France pink with light flakings of geranium pink and soft orange tongue. The blooms are slightly ruffled and are beautifully set on splendid spikes. Eight to ten open at once.....
.....15c each; \$1.50 doz.

Rita Beck (*Fischer*). Large wide open flowers of excellent substance. The color is a clear La France pink. Many flowers open at one time.
L. \$2.00 each; M. \$1.50 each; S. \$1.00 each; Blts. 6 for \$1.00.

Rose Ash (*Metzner*). General color effect, "Ashes of Roses". One bulb often throwing three or four spikes which are all tall, straight and vigorous.
.....10c each; \$1.00 doz.



Pearl of California

Rose Mist (*Fischer*). A tall, graceful prim. Watermelon red with a gray edge which looks like the iridescent line on a cut of melon.
L. 25c each, \$2.50 doz.

Royal Bengal (*Salbach*). Rose pink, heavily striped steel gray.
L. \$1.50 each; M. \$1.00 each; S. 75c each.

Salbach's Pink (*Salbach*) 1929. Large wide open glowing geranium pink with soft carmine tongue and throat markings. Petals slightly recurved. Long graceful flower spike with six to eight open at once. Perfect placement and heavy substance. Last buds open in water as well as the first. Medium tall.

We feel that this is one of the finest gladiolus we have yet introduced.
L. \$10.00 each; M. \$7.50 each; S. \$5.00 each; Blts. \$2.00 each.

Gladiolus—General List Continued



Gay Hussar (See page 8)

Salbach's Prim (Salbach) 1923. Tall, peach red shading to strawberry pink, deep in throat; empire yellow on two lower tips. Long slender flower spikes. Many large beautifully ruffled blooms open at one time.
10c each, \$1.00 doz.

Salmon Beauty (Kunderd). Large lovely flower of deep salmon with deep salmon yellow

throat. The flower spikes are very tall and graceful.....10c each, \$1.00 doz.

San Mateo (Salbach) 1928. A very lovely clear rose pink similar in shade to that of Pink Lily. San Mateo is however a larger flower with a longer spike. The texture is very heavy.

L. \$2.00 each, \$20.00 doz.; M. \$1.50 each, \$15.00 doz.; S. \$1.00 each, \$10.00 doz.; Blts. 6 for \$1.00.

Saraband (Salbach) 1925. Very large wide open flower of rich velvety bordeaux with straw yellow blotch, feathered bordeaux. Stamens deep rose red. Fine placement, good substance. Tall. A very unusual flower, rich as an oriental rug.

L. 35c each, \$3.50 doz.; M. 25c each, \$2.50 doz.; S. 15c each, \$1.50 doz.; Blts. 50 for \$1.00.

Scarlet Bedder (Salbach). A glowing scarlet grandiflora prim, that is not too red to cut well with the other primulinus. Very popular.

L. 75c each, \$7.50 doz.; M. 50c each, \$5.00 doz.; S. 30c each, \$3.00 doz.; Blts. 20 for \$1.00.

Scarlet Princes (Kunderd). A beautiful soft raspberry red, shading to begonia rose in throat. Large, lovely wide open flowers well placed on spike. A very charming self color gladiolus. Same as Virginia. 10c ea.; \$1.00 doz.

Senorita (Salbach) 1928. Very large, clear wide open orange shading to salmon. Lower petals bright orange yellow with prominent carmine tongue and penciling. Very attractive and unusual. Plants sturdy and of medium height. Substance excellent.

L. \$2.00 each, \$20.00 doz.; M. \$1.50 each, \$15.00 doz.; S. \$1.00 each, \$10.00 doz.; Blts. 6 for \$1.00.

Sheba (Salbach) 1928. Very large, wide open, tall jasper pink self. Five to six well placed blooms open at one time. A splendid cut flower and a rapid multiplier.

L. \$1.00 each, \$10.00 doz.; M. 75c each, \$7.50 doz.; Blts. 15 for \$1.00.

Sidney Plummer (Salbach) 1923. Beautiful soft yellow, suffused delicate pink. Rich amber lip, amaranth purple tongue. Blooms large, well placed, and slightly ruffled. 15c each; \$1.50 doz.

Simonetta (Salbach) 1927. A beautiful tall primulinus hybrid of delicate coral pink, carmine penciling on lower petals with soft canary midrib. Long flower spike with five to six open at one time. Very early.

L. 50c each, \$5.00 doz.; M. 30c each, \$3.00 doz.; S. 15c each, \$1.50 doz.; Blts. 25 for \$1.00.

Sir Thomas Lipton (Salbach) 1929. Large salmon rose, heavily flaked smoky steel. The spike is long with many open. Growth vigorous. A very unusual and attractive novelty.

L. \$5.00 each; M. \$3.00 each; S. \$1.50 each; Blts. 5 for \$1.00.

Souvenir (Jonkheer). The most beautiful of all the yellow primis. Spikes tall and graceful; flower lovely amber yellow. 15c each, \$1.50 doz.

Gladiolus—General List Continued



*Mrs. John Wood as shown at The Dahlia Society of San Francisco Show,
Palace Hotel, Sept. 1928*

St. Thomas (Kunderd). Large showy deep salmon rose red blooms with dark red blotches.
L. 30c each; M. 20c each; S. 10c each; Blts. 50 for \$1.00.

Sweet Rose (Kunderd). Very massive flowers of pure deepest rose pink. Tall strong plant.
L. 50c each; M. 30c each; S. 25c each; Blts. 10 for \$1.00.

(Gladiolus list continued next page)

You Are Invited

to become a member of the American Gladiolus Society. As a member you will receive the monthly 32 page "Bulletin" published by the Society. Devoted solely to Gladiolus, it will teach you many new things about Gladiolus, it will show you the way to a more beautiful garden, it will keep you informed as to the new varieties which are constantly being created.

I can sincerely recommend it.

Carl Salbach

An application blank will be found on the next page.

Gladiolus—General List Continued

The Orchid (*Sprague*). The most orchid like of all the gladiolus. The petals are long, narrow, ruffled and lacinated; pale lavender flecked toward the ends with lavender pink. Very dainty for basket work and for corsages.

L. \$1.00 each, \$10.00 doz.; M. 75c each, \$7.50 doz.; S. 50c each, \$5.00 doz.; Blts. 10 for \$1.00.

The Quakeress (*Salbach*) 1928. A most unusual gladiolus in that it is all gray, a lavender gray with a suggestion of cream in the throat. It is a sport of Rose Ash.

L. 50c each; M. 30c each, \$3.00 doz.; S. 20c each, \$2.00 doz.; Blts. 15 for \$1.00.

Veilchenblau (*Pfitzer*). A large flowering violet blue. Tall and vigorous.

L. \$1.00 each, \$10.00 doz.; M. 75c each, \$7.50 doz.; S. 50c each, \$5.00 doz.; Blts. 6 for \$1.00.

Virginia. See Scarlet Princes.

W. H. Phipps (*Diener*). Beautiful La France pink overlaid light salmon rose. Lower petals faintly striped and speckled ruby. Flowers are enormous, ten or more open at one time. The plant is tall and the flower spike long. This is one of Mr. Diener's masterpieces.

L. 30c each, \$3.00 doz.; M. 15c each, \$1.50 doz.; S. 10c each, \$1.00 doz.; Blts. 25 for \$1.00.

Wm. Kent (*Diener*). Creamy shell pink with golden ochre center. Flowers very large and beautifully ruffled. 50c each.

Zenobia (*Kunderd*). One of the most highly colored and showy of all the primulinus hybrids. The brilliant orange red blooms are carried on very long, graceful stems. 10c each, \$1.00 doz.

Special Gladiolus Collections

We make up these collections to give special values to those who enjoy many colors as well as for those who like special color groups. Many of these collections are sent out as gifts and bridge prizes, others as nucleus collections, for new gardens.

All orders will be filled with large blooming size bulbs taken out of our regular stock of named varieties. Sent prepaid.

Enclose your personal greeting card for the Gift orders.

12 Primulinus Hybrid Gladiolus, all different.	\$1.00
12 Salmon, Orange and Red, all different.	1.00
12 Pink and Rose, large flowering Gladiolus, all different.	1.00
12 Orchid, Amethyst and Smoky, large flowering Gladiolus, all different.	1.00
15 Choice Mixed, large flowering Gladiolus, all different.	1.00
50 Choice Mixed, large flowering Gladiolus or 50 Primulinus Hybrids.	3.00
100 Choice Mixed, large flowering Gladiolus or 100 Primulinus Hybrids.	5.00

If You Are a Member Please Hand This to Some Friend

“I hereby apply for membership in the American Gladiolus Society, and inclose \$2.00 as annual membership dues, \$1.00 of which is for a year's subscription to The Gladiolus Review.”

Mail this application and \$2.00 to
ROSCOE HUFF, Secretary
Goshen, Indiana

Name _____

Street and No. _____

City or Town _____ State _____

Amateur or Professional _____



Mr. Salbach Hybridizing Dahlias

Dahlia Seed

We have been more than gratified by receiving so many letters and first prize notices from growers of our dahlia seed and also the photographs of the blossoms.

This method of growing good dahlias for a small outlay is particularly appealing to people who live where the summers are too hot and dry for most dahlias to grow well. Our long experience in hybridizing enables us to select the hardiest and most versatile parent stock and each packet carries a goodly percentage of seed qualified to thrive in the interior valleys.

Instructions for Planting Dahlia Seed

Plant dahlia seed in shallow boxes which have been filled three quarters full of good soil. Sow the seed on top and cover half an inch with light soil. Seed may be started indoors, in a hot house or in frostless belts, outdoors.

Water well and keep moist while the young plants are growing. Some of the seeds will sprout in a week or ten days, others require five or six weeks.

When the plants are four or five inches tall and all danger of frost is over they should be transplanted to the open ground. These may be planted in single rows or in double rows thus the plants in either case being at least 1½ feet apart. Allow two to three feet between the rows.

Practically all will make large plants that will produce a profusion of blooms the first year. They will make small clumps of tubers which should be lifted after the plants are cut down by frost. Store the clumps for the winter in a dry frost proof ventilated cellar.

We are offering two \$20.00 Cash Prizes

One to the exhibitor in the 1929 Dahlia Show of the American Dahlia Society who wins first prize for the best one year old seedling, PROVIDING said exhibitor purchased the Dahlia seed from us. (This prize was awarded to one of the largest eastern commercial exhibitors in the 1927 show.)

Another to the winner in the same class in the 1929 show of the Dahlia Society of San Francisco, PROVIDING said exhibitor purchased the Dahlia seed from us.

Other prizes of \$10.00 orders will be given to winners in the same class in organized shows in other parts of the country. These orders will be filled with the winner's own selection of dahlias, gladiolus or irises listed in our 1929 catalogs.

Notice of intention to exhibit must be sent us two weeks in advance of show.

Certificates of award signed by the manager, secretary, or president of the show, should be sent to us promptly, so the winner can make selection of stock from our catalog while we still have a good supply of all varieties.

Seeds are available as follows:

100 choice seeds	\$1.00
100 selected seeds	\$2.50

This seed has been collected personally by Mr. Salbach from the exhibition gardens where only the choicest dahlias are grown.

Dahlia Seed Testimonials

H. S. Galloway, Kenora, Ontario, Canada:—

"From the package of seed I received from you last year I had twenty-nine of the finest dahlias grown. Such beautiful colors and in size the blooms ran from 6 to 9¾ inches. One mauve colored plant had three blooms 9¼, 9½ and 9¾ inches, with stems 21 inches long. I had several prizes from the local show from your seedlings."

Ida Henville, Rockville, Mo.:—

"Had fine luck with your seed last year. All plants bloomed but one and as a friend said, 'I did not know dahlias were ever so nice.' Finer than any I ever saw grown from seed."

Mr. Roy Gottschall, 210 Summit St., Marion, Ohio:—

"The seeds I got from you last year were fine and have ten good ones selected out of the ones that bloomed. Won first and second at County Fair with your seedlings from seed planted May 1st to flower for prizes by September 10th. A few of the plants did not bloom, will have them for next year."

Mrs. Phoebe Grubb, The Cabin, Ridley Park, Pa.:—

"I had thirty-nine seeds for my share of the packet and 20 sturdy plants. I planted them apart from my other dahlias and such plants. Then when they began to bloom such richness in color and size every one who came to see my flowers raved over the seedlings. Long stiff stems, enormous blooms. I had one measured ten inches of a red so deep that it was almost black. It was a continual joy to watch them flower."

Joseph W. Davies, Box 408, Henry Ave., East Liverpool, Ohio:—

"I want to tell you of the success I had with the packet of 100 seeds I bought of you last year. From the packet I raised 83 seedlings and there were some beauties among them. I am now ordering three packets to show that I appreciate the last seed."

G. Miller, 961 Island Ave., Milwaukee, Wis., Oct. 9, 1928:—

"Last spring I ordered from you 100 selected dahlia seeds and I believe it my duty to advise you as to the excellent success I have had. Out of the 100 seeds I raised 80 fine plants. I can frankly say that there are hardly two alike in the entire collection and every color of the rainbow from a pure white to the darkest red and every color combination, to say the least I am certainly more than pleased with them."

Mrs. Josephine Pleu Martin, La Fontain, Ind., Sept. 13, 1928:—

"Last spring you sent me a package of your dahlia seed. The plants were all thrifty and have now bloomed. One plant was more vigorous than the rest. When it came into bloom last week, it was so beautiful that I would go many times a day to see it. I cut three magnificent blooms (one over ten inches in diameter) and entered them in our show. Won first prize for the best seedling in the show and first for the largest dahlia in the entire show."

Dahlias

Our dahlia gardens, both exhibition and stock, have been more beautiful this year than ever before in the sixteen years we have been growing dahlias.

This is partly due to our selection of fine blooming varieties, partly to our care in raising them and partly because our hill-side gardens are so well drained that the tubers keep better in the ground than in any other winter storage we have ever tried. We have practically no frost in this part of California. When we dig the clumps in February, the tubers are plump, firm and sound.

Tubers will be ready for shipment by March 15th, except this year's introductions. We give no guarantee for tubers that are used for forcing green plants.



Cactus Dahlias

Dahlias as Cut Flowers

DAHLIAS are the most glorious of all flowers for large decorations. While some varieties are most valuable for color masses in the garden, the majority will cut well if properly prepared. This means cutting the foliage and side branches to the minimum. It also means much more beautiful garden plants.

While the lateral buds are still small, the stems should be disbudded two or three joints below the terminal bud, this being determined by the length of the flower stalk.

The flowers should be cut in the early morning, the lower leaves stripped off and the ends of the stems dipped into boiling water for half a minute. The dahlias should then be stood in deep containers full of cold water.

The baskets or jars in which the flowers are to be displayed should be placed where they are to remain and filled three quarters full of cold water. Several sprays of huckleberry in each container will provide foliage and will keep the heavy flowers from shifting their position. After the dahlias are arranged more water should be added if the containers are not full.

Add fresh water daily and cut off the blooms that fade. The major part of the bouquets will keep nearly a week.

Cactus Dahlias

True fluted type; flowers fully double; floral rays or petals long, narrow, incurved or twisted, with sharp, divided or fluted points and with margins revolute (rolled backward or outward), forming in the outer florets a more or less perfect tube for more than half the length of the ray or petal. The petals of the American cactus are not so fine or tightly rolled as those of the English type and are usually shorter than those of the hybrid cactus.

Decorative Dahlias

Double flowers, full to the center, early in the season at least; flat rather than ball shaped, with broad, flat, somewhat loosely arranged floral rays with broad points or rounded tips, which are straight or recurved (turned down or back), not incurved, and with margins revolute, if rolled at all.

Hybrid Cactus Dahlias

Flowers fully double, floral rays, broad, flat, recurved or twisted, not sharply pointed except when tips are divided (staghorn), margins only slightly revolute and tubes of outer florets, if any, less than half the length of ray or petal.

Peony Flowered Dahlias

Flowers are semi-double, having two, three, or more rows of broad, flat, loosely arranged rays or petals, surrounding an open center which is usually a conspicuous golden yellow; the inner floral rays being usually curled or twisted, the outer rays either flat or more or less irregular. Sometimes the rays are pointed, occasionally they curl and twist over the center.

Show Dahlias

Show dahlias are double flowers, globular or ball shaped rather than broad or flat, full to center, showing regular spiral arrangement of florets; floral rays more or less quilled, or with markedly involute margins and rounded tips. The hybrid shows are of the same general form, but larger, more flatly globular and more loosely built.

Join the Dahlia Society of San Francisco, a new and progressive organization. Send \$2.00 with your application to H. T. Hennig, Secty., 621 3rd Ave., San Francisco, Calif. This pays your dues for one year, entitles you to the society bulletins and to free admission to the Dahlia Show at the Palace Hotel.



New Dahlias

Cara (Barker) D. A beautiful gold-suffused scarlet decorative that looks like a giant zinnia. A profuse bloomer with good stems and fine keeping qualities. Stock limited....**\$5.00** each

Carnival (Barker) D. A bright pinkish-peach red with a gold reverse, the color is difficult to picture, but it is the embodiment of the carnival spirit. Bushes are always full of large blooms of fine form and good keeping qualities. Stems long and stiff. Stock limited. **\$10.00** each

Daphne (Ballay) HC. Bright, clear rose pink. An enormous shaggy hybrid cactus dahlia that received the highest award at the Palace Hotel Show 1927 for the best three-year-old seedling. It blooms profusely, centers tight and perfect, stems long, straight and strong. One of the finest pink dahlias we have seen. Stock limited.....**\$10.00** each

Edna Ferber (Fischer & Masson) HC. A beautiful glistening coral hybrid cactus that shades to old gold at base of petals. The flower is large and full, with gracefully curled and twisted petals. The stems are good and hold the flowers well out of the foliage. Bushes of medium height. Stock limited.....**\$5.00** each

Eugenia (Barker) HC. Salmon-rose with rich gold suffusion. Profuse bloomer, fine long stems which hold the blooms well above the foliage. Stock limited.....**\$5.00** each

Florabunda (Bessie Boston) 1929. HC. Florabunda is a comfort to grow, for a bush will always contain a big bouquet of extremely large, well formed flowers on absolutely stiff, long stems. The bushes grow low but the long stemmed blooms grow right out of the foliage. The color is a bright gold, flushed apricot; distinct and unusual. With ordinary disbud-ding the flowers will average eight inches. This variety has most exceptional keeping qualities as a cut flower.....**\$10.00** each

Heartsease (Bessie Boston) 1929. HC. A new coloring, and that's what we are all looking for in dahlias. The outer petals are a pale lavender, with a purple reverse. The effect is orchid, and some visitors have said the dahlia was as beautiful as a cataleya orchid. Flowers are very regularly formed, and pure cactus type. Bushes grow tall, and the flowers have strong, long stems. Yes, they are large, and very large, too. A luxuriant bloomer at all seasons.**\$10.00** each

Jane Cowl (Downs) D. One of the sensations of the New York show and justly so. It is an immense, glistening, bronzy buff and old gold, with just enough twist to the broad petals to make it graceful. Good strong stems. Free blooming and excellent for cutting and show purposes. Stock limited.....**\$10.00** each

New Dahlias—Continued*Regal* (See page 27)

Ivory (*Bessie Boston*) 1929. *D.* An immense blossom of pure cream white, a color which does not vary from the beginning to the end of the season. A decorative of a most delightful form, composed of long, pointed, waving petals. The center of the flower is a deep cream, and the petals a shade lighter at the outer edges,

except for a tiny tip of deep cream. Stem is hard and stiff. The bushes will always contain a number of high class flowers. Bushes grow fairly tall and flower late in the season with perfect centers. Shipping date, April 15 or later.\$15.00 each
Cultural directions for dahlias on last cover page.

New Dahlias—Continued

Judge Leon McCord (*Bessie Boston*) 1929. *D.* An enormous flower, grown on an absolutely stiff, upright stem, which does not bend a particle at any season or in any weather. The color is the deepest shade of gold, with a reverse of old rose. Bushes grow to medium height, but the flower stems grow right out of the foliage, and are long and leafless. A regularly formed flower which lasts two weeks on the bush, and is excellent for cutting. Flowers start about the middle of August and the bushes will always be gay with enormous blooms. Shipping date, April 15 or later.....\$20.00 each

Minamoto's Pink (*Bessie Boston*) 1929. *D.* Rookwood is a standard dahlia and is grown everywhere, so possibly we may be forgiven for comparing this splendid new dahlia to Rookwood. It is a much deeper pink, without the violet suffusion of the older dahlia. The stems are long and stiff, but of a lateral growth. The blossom is much larger than Rookwood, and the petals longer and narrower. Bushes grow slightly taller and bloom as profusely. It is one of the earliest varieties to bloom, and even on the first of November the bushes were covered with enormous flowers with closed centers. Has excellent keeping qualities as a cut flower, and will be found useful for exhibiting.....\$10.00 each

General List of Dahlias

AC signifies American cactus; *C* cactus; *D* decorative; *HC* hybrid cactus; *HS* hybrid show; *P* peony; *S* show.

The pompon dahlias are not included in this general list, but are described on page 32.

Al Koran (*Davies*) *D.* A beautiful amber yellow. The flowers are large and full, the petals long and slightly waved, the stems long, straight and strong. This dahlia is a mass of bloom through the whole season. Fine for the garden, for cutting and exhibiting. Plant and cut with Jersey's Beauty and Mrs. Carl Salbach...\$1.00

Amun Ra (*Seal*) *D.* The group of Amun Ra with its great rich coppery bronze blossoms and big dark leaves is always the center of the "ohs and ahs" of the visitors who love size and rich colors. We plant and cut it with Champagne, another regal dahlia.....\$1.00

Anselmo (*Bessie Boston*) 1928. *D.* A very fine large deep flower of chamois suffused with pink. The reverse of the petals are also pink. The stem is very stiff and strong and of course carries the flower erect. Attractive foliage. Blooms early and freely the whole season.\$3.00

Bear Claws (*Staats*) *AC.* An immense American cactus of rich true carmine. The blooms are made up of many large long claw-shaped petals, well incurved. The plant is tall and the stems good. A very free bloomer. The largest and most striking cactus dahlia we have seen.\$1.50

Beau Ideal (*Bessie Boston*) 1927. *D.* A Mariposa in decorative form. The flowers of this dahlia vary from pink to lavender on different bushes and sometimes on the same bush. The growth is tall and luxurious and from early in the season there are always masses of long stemmed blooms.....\$5.00

Big Ben. *HS.* One of the largest and most perfect show dahlias. The flowers are of a beautiful raspberry red. Stock limited.....\$1.00

Blue Bird (*Bessie Boston*) *P.* A beautiful peony with broad petals in amaranth pink, shading to lilac. Very large; blooms early and late..75c

Bueno (*Bessie Boston*) 1927. *D.* A beautiful new decorative of coppery rose shading brownish, with bright yellow at the center. The bush is tall, the flower large and deep with splendid stem. An excellent keeper.....\$5.00

California Enchantress (*Bessie Boston*) *HC.* Beautiful shade of light rose pink. The large well-formed blooms are held perfectly erect on long stout stems.....75c

Cara (*Barker*) *D.* Beautiful gold-suffused scarlet decorative that looks like a giant zinnia. A profuse bloomer with good stems and fine keeping qualities. Stock limited.....\$5.00

Carnival (*Barker*) *D.* A bright pinkish-peach red with a gold reverse. The color is difficult to describe but it is the embodiment of the carnival spirit. Bushes are always full of good sized blooms of fine form and good keeping qualities. Stems long and stiff. Stock limited.....\$10.00

Caroline Wintjen (*McWhirter*) *D.* Beautiful salmon pink with rose shadings. Large blooms with good stems. Fine bedding variety as the plants are always laden with flowers....75c

Champagne (*Bessie Boston*) *D.* The color is rare and delightful. According to Ridgway's Color Chart it is a rich cream suffused light jasper red, giving the flower a pinkish orange buff color. The bushes are filled with massive flowers held high on long rigid stems. A beautiful decorative and a wonderfully fine lasting cut flower. Plant and cut with Amun Ra.\$1.00

Daphne (*Ballay*) *HC.* Bright clear rose pink. An enormous shaggy hybrid cactus dahlia that received the highest award at the Palace Hotel Show, 1927, for the best three-year-old seedling. It blooms profusely, centers tight and perfect, stems long, straight and strong. One of the finest pink dahlias we have seen. Stock limited.....\$10.00

Delice, D. A beautiful rosy pink, unequalled in color by any of the larger dahlias. Fine for the florists.....50c

Dorothy Dix (*Bessie Boston*) 1928. *HC.* An immense hybrid cactus of silvery pink which is good at all seasons. The form is incurved. Bushes grow tall and branching and are always

Dahlias—General List Continued

full of very large flowers. Centers in November were closed as they were in the beginning of the season. This is one of the largest hybrid cactus ever offered and has splendid stems. It is as useful for cutting as for exhibiting. **\$10.00**

Dr. Tevis (*Pelicano*) *D.* This is one of the most beautiful of all decorative dahlias. The color is a soft salmon rose, suffused with old gold, with golden apricot at center. The reverse side of petals is a rich old rose. The blooms are extra large and borne in profusion on long stout stems. This dahlia has won many prizes. **75c**

Earle Williams (*Doolittle*) *D.* A splendid bicolor with fine substance and strong straight stems. The crimson centers blend into a creamy white, sometimes just at the tips of the petals, sometimes the largest part is white and occasionally an all red blossom appears. **\$1.00**

Edna Ferber (*Fischer & Masson*) *HC.* A beautiful glistening coral hybrid cactus that shades to old gold at base of petals. The flower is large and full, with gracefully curled and twisted petals. The stems are good and hold the flowers well out of the foliage. Bushes of medium height, foliage dark. A high class variety. Stock limited. **\$5.00**

Eleanor Martin (*Pelicano*) *D.* One of the finest decoratives. A giant flower on a good stiff stem. Very graceful and elegant. The color is a beautiful mulberry suffused with gold. A perfect exhibition bloom and a beautiful cut flower. See page 24. **\$2.00**

El Granada (*Bessie Boston*) *HC.* A glorious orange hybrid cactus, showing a rich creamy yellow on the reverse of the curling petals. The stems are long, the bushes tall and the flowers are abundant and of exceptional keeping qualities. Centers closed to the end of the season. A most beautiful cut flower and a most excellent exhibition variety. **\$2.00**

Eugenia (*Barker*) *HC.* Salmon-rose with rich gold suffusion. Profuse bloomer, fine long stems which hold the blooms well above the foliage. Stock limited. **\$5.00** each

Ellenor Vandever (*Seal*) *D.* These large blooms of glowing satiny rose pink are of great depth and substance and are held high on exceptionally long stiff stems. **\$1.00**

Flaming Meteor (*Barker*) *D.* This new dahlia is one that will be grown by everyone who loves rich colors, by growers who sell to florists and by fans who exhibit dahlias for prizes. It was awarded many first prizes this last fall at the various dahlia shows in Southern California. The flower is large, of good depth, splendid form and unexcelled keeping qualities. Stems long, tough and cane like. The color is a flaming orange-scarlet deepening to burnt orange at center, where each petal shows an amber yellow base thus making a beautiful central halo. See page 31. **\$3.00**

Florabunda (*Bessie Boston*) 1929. *HC.* Florabunda is a comfort to grow, for a bush will always contain a big bouquet of extremely large, well-formed flowers on absolutely stiff, long stems. The bushes grow low, but the

long-stemmed blooms grow right out of the foliage. The color is a bright gold, flushed apricot; distinctive and unusual. With ordinary disbudding the flowers will average eight inches, for weeks. It is unnecessary to state that bigger flowers may be obtained by heavier disbudding. This variety has most exceptional keeping qualities as a cut flower. **\$10.00**

George Walters (*Carter*) *HC.* A very large soft coral pink suffused with gold in center. The plant has splendid growing habits and the flowers are produced in great profusion on good stout stems. An exceptionally fine dahlia. **50c**

Gertrude Ederle (*Bessie Boston*) 1928. *HC.* This straight petaled hybrid cactus was exhibited in the 1926 show but was not offered for sale until 1928. It is a soft primrose yellow. Flowers are very large and always true to form. One of the varieties which has unusual lasting qualities when cut. Stem is stiff and hard and carries the flower well out of the foliage but will need some disbudding as the laterals grow quickly. A profuse bloomer. It starts early and continues the entire season. There were many flowers on the bushes in November. This is a blossom which will attract attention anywhere and especially under artificial light. It won the Santa Barbara cup for the best twelve blooms in the 1927 Palace Hotel Show. Those twelve flowers were unfaded after three days. See page 29. **\$7.50**

Gladys Champion (*Champion*) *P.* A very large peony dahlia of apricot yellow shading to jaspered on the reverse of the petals, which are long, broad and slightly twisted. The center is surrounded by many tiny curling florets. The stems are excellent, the bush of medium height and a profuse bloomer. Thrives well in warm climates. Awarded Certificate of Merit at D. S. C. trial gardens 1924. **\$1.00**

Golden West (*Broomall*) *AC.* This variety is a typical American cactus. A vigorous grower, producing a great number of perfect blooms of deep rich yellow heavily overlaid with orange. The stems are fine and the blooms last well when cut. Very popular for basket work and table decorations. **50c**

Grizzly, The (*Burns*) *D.* The richest deep velvety red dahlia yet produced. The plant is a vigorous grower and the very large stately blooms are held high on extra stout stems. Does especially well in a warm climate. Every grower should have this splendid dahlia. **75c**

Heartsease (*Bessie Boston*) 1929. *HC.* A new coloring, and that's what we are all looking for in dahlias. The outer petals are a pale lavender, with a purple reverse. The effect is orchid, and some visitors have said the dahlia was as beautiful as a cataleya orchid. Flowers are very regularly formed, and pure cactus type. Bushes grow tall, and the flowers have strong, long stems. Yes, they are large, and very large, too. A luxuriant bloomer at all seasons. **\$10.00**

Ivory (*Bessie Boston*) 1929. *D.* An immense blossom of pure cream white, a color which does not vary from the beginning to the end of the season. A decorative of a most delightful form, composed of long, pointed, waving petals.

Dahlias—General List Continued

*Eleanor Martin* (Decorative—See Page 23)

The center of the flower is a deep cream, and the petals a shade lighter at the outer edges, except for a tiny tip of deep cream. Stem is hard and stiff. Bushes grow fairly tall and flower late in the season with perfect centers. Shipping date April 15 or later. **\$15.00**

Jane Cowl (*Downs*) *D.* One of the sensations of the New York Show and justly so. It is an immense, glistening, bronzy buff and old gold, with just enough twist to the broad petals to make it graceful. Ideal placement on good strong stems. Free blooming and excellent for cutting and show purposes. Stock limited. **\$10.00**

Jean Chazot (*French Importation*) *AC.* This beautiful dahlia is a charming cut flower. It is an abundant bloomer with perfectly straight stems that hold the flower well above the foliage. A very fine cactus dahlia of rich amber suffused nasturtium red. **\$1.00**

Jersey's Beauty (*Waite*) *D.* This salmon rose pink dahlia is one of the best cut flowers in the garden. The blooms are of good size and fine substance and the stems are long and tough. It is beautiful with the autumn colored group or with the amethysts. Plant back of a bunch of purple sage. **\$1.00**

John Riding, *C.* Deep rich crimson; very large; incurved petals; good strong stems. **\$1.00**

Gladiolus—General List Continued

Joy (*Bessie Boston*) 1927. *D.* A beautiful clear silvery lavender without a trace of white. It is an immense flower which grows on the end of the stem like a chrysanthemum. The substance is excellent, making it an ideal cut flower. A profuse bloomer early and late, never shows center. Won the Rookwood vase for the best new lavender at the Dahlia Show 1926. Stock limited. **\$7.50**

Juanita Chubbuck (*Davies*) 1928. *P.* This is one of the finest of the peony type. A huge basket of these beautiful flowers exhibited on long stems at the recent Palace Hotel show was the source of much favorable comment. The color is a clear white with a blush of lavender. The blooms are very large and graceful. The stems are long and rigid. **\$5.00**

Judge Leon McCord (*Bessie Boston*) 1929. *D.* An enormous flower, grown on an absolutely stiff, upright stem, which does not bend a particle at any season or in any weather. The color is the deepest shade of gold, with a reverse of old rose. Bushes grow to medium height, but the flower stems grow right out of the foliage, and are long and leafless. A regularly formed flower which lasts two weeks on the bush, and is excellent for cutting. Flowers start about the middle of August, and the bushes will always be gay with enormous blooms. Shipping date April 15 or later. **\$20.00**

Karma (*Finley-Spencer*) *D.* A beautiful clear amaranth pink of medium height. The bushes were a mass of bloom from early summer till late fall. Especially lovely for border planting and fine for exhibiting and for cutting. . . . **\$1.00**

Kitty Dunlap (*Bessie Boston*) *D.* A very free blooming, fine form dahlia of American Beauty rose. The stems are long and stiff. We recommend this dahlia highly for exhibiting and cutting. **\$1.00**

La Favorita (*Lohrmann*) *HC.* This beautiful large flaming orange hybrid cactus is without doubt one of the best dahlias of this color. The blooms are of fine form and hold their centers till late in the season. The stems are long and stiff. Should be in every collection. **50c**

Logan's White (*Logan*) *D.* This beautiful dahlia won the Highest Award of Merit at the Trial Garden of the Dahlia Society of California in 1922. The blooms are large, snow white and perfect. Stems are long and rigid and the bushes always full of blossoms. . . **\$1.00**

Marmion (*Mastick*) *D.* An immense pure golden yellow with bronze suffusion on reverse of petals. Form perfect, prolific bloomer. Long cane like stems holding blossoms well above foliage. **\$2.50**

Mariposa (*Bessie Boston*) *HC.* An immense flower of bright yet delicate rose pink, shading deeper at the center. Blossoms abundantly all season, holding its center throughout. The stems are long and stiff and the flowers are fine both for cutting and exhibiting. Grows well in warm climates. **\$1.00**

Minamoto's Pink (*Bessie Boston*) 1929. *D.* Rookwood is a standard dahlia and is grown everywhere, so possibly we may be forgiven for comparing this splendid new dahlia to Rookwood. It is a much deeper pink, without the violet suffusion of the older dahlia. The stems are long and stiff, but of a lateral growth. The blossom is much larger than Rookwood, and the petals longer and narrower. Bushes grow slightly taller and bloom as profusely. It is one of the earliest varieties to bloom, and the first of November bushes were covered with enormous flowers with closed centers. Has excellent keeping qualities as a cut flower, and will be found useful for exhibiting. . . . **\$10.00**

Mischief (*Bessie Boston*) 1928. *D.* The outer petals are bright red while the center petals are white with a slight suffusion of red. A most unusual dahlia. Flowers come very true until late in the season when the red will predominate. Plants grow tall and very bushy. One of the first dahlias to bloom and blossoms profusely till frost. Flower is large and very well formed. Stem is good. **\$3.00**

Miss Atlantic City. Salmon suffused gold. Bushes full of bloom the whole season. The petals are long, pointed and wavy, making a very graceful flower. Stems are long, stiff and wiry. **50c**

Miss California (*Pelicano*) 1926. *D.* A large decorative dahlia, perfectly formed and of beautiful new color known as oriental fuchsia. Tall and hardy. Stems strong and stiff, four to five feet in length. Blooms high above foliage, six to nine inches in diameter. An excellent keeper, so it is a wonderful bloom for commercial as well as for exhibition purposes. Miss California won first prize for six blooms of the best three year old seedling at the California State Floral Society, 1925. Early. **\$2.50**

Mr. E. Leedham (*Bessie Boston*) 1928. *D.* A huge orange scarlet decorative which does not burn in the hot sunshine. Plants grow tall and branching and bloom early. The flowers are carried on very long stiff stems and grow right at the top of them. This characteristic is very noticeable until very late in the season. Stems at all times are stiff and the flowers have unusual depth. **\$10.00**

Miss San Francisco (*Pelicano*) 1928. *D.* This is one of the best dahlias Mr. Pelicano has introduced in years. The color is a true orchid shade mixed with a deep rose. The plants are sturdy growers and the immense flowers are held high above the foliage on very strong stems. The blooms have great depth and substance and never show centers, averaging nine to ten inches in diameter. The keeping qualities are excellent and as exhibition flower it is unexcelled. **\$3.50**

Mrs. Carl Salbach (*Salbach*) *D.* One of the most dependable of all dahlias. A sturdy, vigorous grower, full of blooms and a fine tuber maker. The flowers, which are uniformly symmetrical, are a beautiful mallow pink and are borne on long stout stems. The bushes are stately in the garden, the flowers cut unusually well. Invaluable as a house decoration and as an exhibition flower. **50c**

Gladiolus—General List Continued



As the Originator Grows Mrs. Carl Salbach

Mrs. G. Cooper (Burrell) C. Buff, suffused salmon. An immense flower of perfect form. Free bloomer. **\$1.00**

Mrs. Ethel F. T. Smith (Broomall) D. An immense creamy white shading to lemon. Our visitors called it the "White Poinsettia." The plant is tall and vigorous and is a generous producer of large blossoms. The stems are long and straight. **50c**

Mrs. I. de Ver Warner (Marean) D. One of Judge Marean's best creations. Very large beautiful flowers of fine form and substance. Color a rich rosy mauve. Stems long and rigid. Very attractive in the garden and one of the best for exhibition and for cutting. **50c**

Mrs. Jessie Seal (Gleadell) P. The large blooms of beautiful old rose are held high on long, graceful, wiry stems. A vigorous grower and very prolific bloomer. One of the most satisfactory all round dahlias grown. **\$1.00**

Mrs. Warren Dee Miller (Miller-Salbach) HC. A hybrid cactus of beautiful symmetry and elegance. White suffused delicate rose pink deep in the flower. The plant is vigorous, the blooms large and very abundant. This is a lovely white dahlia to use in an amethyst basket. Keeps beautifully. Medium height. Plant and cut with Rookwood and Susan Tevis. See page 30. **\$2.00**

Myrtle (Pelicano) 1928. D. A very free flowering variety of golden apricot suffused salmon rose. The plant is of medium height and a hardy grower. The flowers are large, averaging 9 to 10 inches, and have excellent long stiff stems. Myrtle is a continual bloomer till late fall. **\$2.00**

Norman (West) C. One of the largest and most satisfactory English cactus. The blooms are composed of a great number of fine twisted petals, giving the flower great depth. The color is a deep rich scarlet and the blooms are held perfectly erect on good straight stems. **75c**

Ophir (Bessie Boston) 1928. D. Golden yellow bronze, tipped yellow and shading to a bright yellow center. Petals are long and twisting, form is uncommon, stem is strong and straight, bushes grow to medium height and produce very freely of blossoms the entire season. **\$3.00**

Oregon Sunset (White) P. A highly colored flower of scarlet and yellow of the Geisha type, but somewhat larger. The petals are broader and more regularly set and the stems are better. **75c**

Oriole, The (Burns) P. A very striking peony in a most remarkable combination of burnt orange, red and yellow; many of the flowers shading to white at the tips. The blossoms are very large and numerous, and the stems are fine; a beautiful cut flower and a good producer. **50c**

Paul Michael (Michael) D. Deep orange buff, shading to old rose on reverse of petals. One of the largest dahlias. **50c**

Pompador (Bessie Boston) 1928. HC. A very regularly formed hybrid cactus of deep royal purple. Flower is large and carried on a good stem. A variety which has attracted unusual attention all through the season. Will be found admirable for exhibiting as well as for cutting. The tall bushes have most attractive

Dahlias—General List Continued

foliage. Flowers never burn even in the warmest weather and remain true to form the entire season. A free bloomer. **\$3.50**

Pride of California (*Lohrmann*) *D.* Without doubt the best of the red decoratives. A vigorous grower and a very free bloomer. The large deep red flowers are borne high above the foliage on very long, rigid stems and keep exceptionally well when cut. Thrives in warm climates. **50c**

Queen of the Garden Beautiful, *D.* An enormous primrose yellow decorative. A strong vigorous grower with long straight tough stems. Against keen competition at the 1925 California Dahlia Society show, twenty-five of these great blooms won the coveted Samuel W. Heller prize for the dahlia showing most preeminent merit. It has been awarded numerous first prizes as the largest flower in the show, and is a fine keeper. **\$2.50**

Regal (*Bessie Boston*) 1928. *D.* A huge decorative. A variety which can be grown without trouble ten inches and with careful disbudding twelve inches. The plants grow medium height and begin to bloom early and continue to flower profusely the entire season keeping large size to the very end. The color is uncommon and is a bronze, heavily suffused with old rose, shading to gold at the center. Stem is absolutely rigid and carries the blossoms well out of the foliage. This decorative won the gold medal at the Palace Hotel Show in 1926 for the best six blooms of a three year old seedling. It also won the Western Horticultural Prize at the same show in 1927 for the best twenty-five blooms. See page 21. **\$20.00**

Regent (*Bessie Boston*) *AC.* A prize winning American cactus in Tyrian pink, shading lighter to the center, which is entirely hidden by the incurving petals. The flower has size, pleasing color, long straight stems, is free blooming, and keeps well. **\$1.00**

Rollo Boy (*Pelicano*) 1925. *HC.* An immense hybrid cactus of beautiful form and long straight stems. Delicate amber to old gold. Won first prize for Best Dahlia at the 1924 Palace Hotel Show and also first for the largest dahlia. A very fine flower. **\$1.05**

Rookwood (*Bessie Boston*) *D.* This lovely dahlia was planted in the front row of our exhibition garden and was a continuous mass of color, one of the first and one of the last to bloom. The flowers are large and full to the end of the season and the stems are good. The color is a clear cerise-rose with no magenta. A beautiful flower for cutting and exhibiting. Bushes low and spreading. Plant with Mrs. Warren Dee Miller and Susan Tevis. **\$2.00**

Rosa Nell (*Broomall*) *D.* Very large blooms of a bright clear rose and are carried well above the foliage on good wiry stems. Rosa Nell always grows a fine large plant from very small round tubers. Thrives in warm climates. **50c**

Rose (*Bessie Boston*) 1928. *D.* This dahlia resembles the American Beauty rose in color and form and has an absolutely stiff stem like this

flower. Bushes grow medium height and produce countless flowers from the very early to the very late season. The large deep flowers always keep their form and last excellently when cut. **\$3.00**

Rose Fallon (*Marean-Harding*) *D.* A perfect deep old gold decorative that it will be hard to equal. Immense as to size but not in the least coarse or out of proportion and with wonderful keeping qualities. The stems are long and rigid and hold the flowers up for the admiration of all. A glorious flower for cutting for the garden or for exhibiting. **\$5.00**

Roselani (*Bessie Boston*) 1927. *D.* This is a large deep decorative, rose pink in color shading to white at the center, each graceful petal is faintly edged carmine. Stems are long and stiff, bushes tall and productive of quantities of perfect blooms. One of the longest—keeping cut flower dahlias. **\$2.50**

Runa (*Barker*) 1928. *D.* A charming orchid pink decorative with a splendid future as a florists' flower. For the abundance of large blooms no dahlia surpasses Runa. Its long stems and unusual keeping qualities make it an especially desirable cut flower. At the 1927 show of The Dahlia Society of Southern California, Runa was awarded the first prize for the best fifty blooms of one variety. **\$3.00**

Sagamore (*Badette*) *D.* A large perfect flower of pure gold deepening to rich reddish apricot at center. The stems are straight and strong and the keeping qualities of these huge flowers is unexcelled. Thrives in warm climate. **\$2.00**

Salbach's White (*Salbach*) 1926. *D.* A most beautiful large ivory white decorative dahlia of perfect form. Full and deep and of wonderful substance. Keeps well and does not burn. A very profuse bloomer, plants of medium height. We feel that this is the peer of all white dahlias. It was awarded the Gold Medal at the Trial Gardens of the Dahlia Society of California in 1924. Awarded first prize for best white dahlia at the show of the Dahlia Society of Southern California, 1927. See page 28. **\$4.00**

Santa Ana (*Pelicano*) 1927. *HC.* One of the largest and best hybrid cactus in this coloring; beautiful salmon rose suffused with gold. The plant is of medium height and a free bloomer. The flowers are held well above the dark green foliage on good stems. The petals are long and wiry giving the flower its striking form. Does very well in a warm climate. The color of this new dahlia has won the admiration of every one wherever shown. Fine for exhibition purposes. Won first prize for the largest dahlia at California State Floral Society Dahlia Show 1926. **\$5.00**

Scarlet Queen. A most attractive scarlet red collarette dahlia with a yellow collar. Stock limited. **75c**

Shadow's Lavender (*Bessie Boston*) *D.* A large dahlia of splendid substance and perfect form. The long stiff stems hold the flowers well above the lacy foliage. The color is a silvery lavender shading into white. As season advances the lavender becomes more pronounced. **\$2.00** each

Dahlias—General List Continued



Salbach's White (Decorative see page 27)

Starlight (*Bessie Boston*) 1928. HC. Pure unshaded gold, hybrid cactus, a color which always attracts in any type. Flower is huge and there is no limit to the size to which it can be grown. Bushes grow tall and luxuriantly and flowers start early and continue with closed centers until frost. Form is excellent, and petals roll evenly until late in the season. The stem is stiff and strong and the flowers grow out of the foliage. This variety will be found excellent for cutting as well as exhibiting and is always a delight in the garden. . . . \$15.00

Susan G. Tevis (*Bessie Boston*) D. One of the largest and most perfectly formed decoratives in existence. No other dahlia closely resembles

it. The color of this stately flower is a deep shade of lilac with a silvery sheen. The plant is unusually vigorous and the foliage dark and rich. The large blooms are supported on exceptionally strong stems. Beautiful by contrast planted or cut with orange cannas \$2.00

Sweet Briar (*Stredwick*) C. A very beautiful rose-pink cactus dahlia. The blooms are of excellent form and are held high on stout stems. Very free bloomer. . . . 75c

Sweetheart's Bouquet (*Wilmore*) D. A generously blooming peony with good straight stems. Rich salmon rose, pleasing alike in both day and night light. Particularly fine late in the season. Does well in warm climates. . . . 50c

Dahlias—General List Continued

*Gertrude Ederle* (Hybrid Cactus—See page 23)

Sydney B. Mitchell (*Salbach*) 1926. *D.* A very large decorative of rich, deep velvety red almost black in the center shading through carmine to Tyrian rose at end of petals. Fine stems. Bushes covered with blooms. An outstanding flower in the garden or in an exhibition group. Awarded certificate of merit at the trial gardens of The American Dahlia Society at Storrs, Conn., 1925. A very rich note of color in the amethyst-lavender group. **\$1.50**

Tommy Atkins (*Bessie Boston*) *D.* We have never grown a red dahlia that has called forth so much admiration as Tommy Atkins. The beautiful glowing scarlet blooms of large size and fine form are held well above the plants on

long straight stems. The plant is a vigorous grower and prolific bloomer. This flower is as happy an addition to the garden, the bouquet or the show table as the British Tommy to the story or song. **\$1.50**

Treasure (*Bessie Boston*) 1927. *D.* A large graceful decorative with long narrow petals that twist and turn showing cream on the face and deep jasper pink on the reverse. The center is illuminated with a peculiar greenish light. The stem is perfect, long and stout, carrying the flowers well out of the foliage. Bushes tall and robust and always full of blooms. Keeps well when cut. **\$4.00**

Dahlias—General List Continued



Mrs. Warren Dee Miller (Hybrid Cactus—See page 26)

Union Jack. A very unique English single, petals striped red and white. Excellent for massing as the bushes grow quite low.**50c**

Valentino (*Bessie Boston*) 1928. *D.* An enormous decorative of a new color combination, salmon pink shading to cream. This variety has excellent form and keeps its center the entire season. Bushes grow medium height and are always full of flowers. Stem is stiff and cane-like and grows well out of the foliage. Coloring is distinctive and has attracted great

attention on the exhibition table as well as growing in the garden.**\$10.00**

Winsome (*Bessie Boston*) 1928. *D.* A decorative of a clear medium shade of pink. Very large well formed blossoms of narrow petals. The chief characteristic of this variety is its long leafless stem. It starts to bloom in mid season and will produce an abundance of blooms, all of which are perfect. The flower is always pink, has no lavender variations or shadings. Bushes grow tall.**\$10.00**

Dahlias—General List Continued

*Flaming Meteor* (Decorative—See page 23)

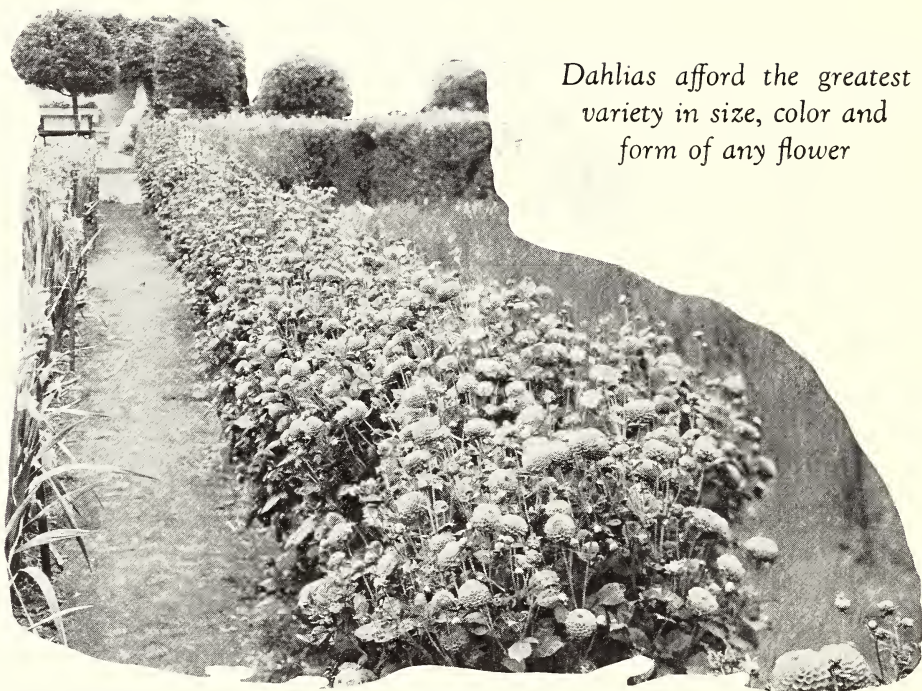
Yukon (*Bessie Boston*) 1927. *D.* A very attractive dahlia of clear purple with a light blue suffusion, a very rich tone in an orchid-amethyst basket. The flower is very symmetrical

with small shell shaped petals. The bush is tall, luxuriant and full of blooms with good stiff stems.....\$1.50

Representative Assortments of Dahlias

These assortments will be made up with the idea of giving an interesting variety, both as to color and type of flower. All varieties are taken from our named stock and each tuber will be labeled.

12 named dahlias, all different, our selection, value \$7.50 or over.....	\$ 5.00
12 named dahlias, all different, our selection, value \$15.00 or over.....	\$10.00
12 named dahlias, all different, our selection, value \$22.50 or over.....	\$15.00



Dahlias afford the greatest variety in size, color and form of any flower

A lovely garden border of Pompon Dahlias

Pompon Dahlias

Pompon dahlias are of the same shape as the shows and hybrid shows, but the flowers must be under two inches in diameter.

Pompon dahlias should be planted as soon as received, as the tubers are small and the eyes are apt to dry out if left exposed to the air for any length of time.

- | | |
|---|--|
| Amber Queen. Rich golden bronze of fine form..... | Lilias. A very lovely cream pompon that is heavily suffused pinkish mauve..... |
| Baby Plummer (Salbach). A very small begonia rose pompon..... | Little Beeswing. Golden yellow heavily tipped cherry red. One of the most popular for cutting and exhibition..... |
| Bacchus. Bright scarlet..... | Little David (Twitchett). Deepest orange, very free flowering. One of the best..... |
| Bantam (Henning-Bessie Boston). Brownish red of fine form, long stems and excellent keeping qualities..... | Lolita (Salbach) 1927. Beautiful blooms of rich yellow with a prominent brownish red center. The plant is a vigorous grower and produces an abundance of flowers on good long stems. It is also a good tuber maker..... |
| Dandy (Bessie Boston). A perfect orange... | Mars. Orange..... |
| George Ireland. Beautiful mauve; fine for cutting and exhibition..... | Nellie Fraser. Beautiful pinkish lavender..... |
| Gertrude (Salbach) 1927. This is the finest red pompon we have seen. The color is glowing carmine. The blooms are perfect and the stems long. Very free blooming. Plant with Lolita..... | Regulus. (Little Dorritt). Bright purple; small and compact. Good..... |
| Girlie. A very beautiful pure rosy lilac, much in demand..... | Topsy (Logan) 1929. Dark maroon..... |
| Glow. Light old rose to coral. One of the favorites..... | Rosea. Deep lilac..... |
| Joe Fette. Pure white..... | Yellow Gem (McWhirter) Creamy yellow. A strong vigorous grower and a remarkable free bloomer. Fine for exhibiting and for cutting |

Any twelve 50c pompon dahlias for.....\$5.00

Care and Culture of Dahlias

Dahlias will thrive in almost any kind of soil. They grow best in a sunny location except in extreme warm climates, where they do better if shaded during the heat of the day.

Prepare the dahlia plot in the fall, if possible, by spading deep and leaving rough. If the soil is thin, work in barnyard manure or other fertilizer at this time. Spade again in the spring. Plant from April to June, according to climatic conditions.

If you plant your dahlias close together in a garden by themselves, study your colors well, as you can more than double the beauty of the planting.

We plant our garden in two sections. For the first we list the salmon pinks, the yellow reds, and the rich yellows—the autumn colors.

For the second section the pure whites, the lavender pinks, amethyst, purple and blue reds. A third list of cream whites, primrose and amber yellows we use for distribution through both beds as the need is evident for lighter spots.

The actual planting plan then is mainly one of comparative heights and respective size of blooms for there is almost no possibility of color clashes. The listing is most easily done while the garden is in bloom, but it is an interesting occupation for a rainy day.

Make a chart of your planting and file it away till digging time—the labels sometimes disappear.

The clumps must be separated before planting. It is better to wait till the eyes or buds begin to push through the base of the stalk or head. On some clumps there will be more eyes than tubers and on others the reverse. It is imperative that at least one eye with a good portion of the head be cut with each division. Two or more tubers however may be cut with each eye. Greatest care must be used not to break or twist the necks of the tubers as they will not grow if damaged. A small block of wood, a slender saw, a small wooden mallet and good sharp paring knives are excellent tools. The cut surfaces should dry several hours before planting or storing. These divisions should be covered with moss or dry shavings if they are to be kept for any length of time. This prevents the eyes from drying out.

Dig the holes twelve to eighteen inches deep, refilling to within six inches of the surface. If the drainage is poor, mix a shovel full of sand or wood ashes with the loose soil in the bottom of the hole.

Never use fertilizer at planting time.

Lay the tuber flat in the bottom of the hole, eye side up—drive a stake near the eye end and cover the tuber with three inches of loose soil. Fill in the remaining three inches as the plant grows. Water only moderately till blooming time but cultivate persistently.

When the dahlias begin to bloom, fertilizer may be applied and deep cultivation should cease. Water well at least twice a week where there are no summer rains. Disbudding will produce larger blooms.

The time of digging varies with the severity of the winter. In mild climates, where the drainage is good, some growers leave the clumps in the ground through the winter. Where the ground freezes they must be lifted early.

Cut the stems off close to the ground and lift clumps carefully to prevent breaking the necks of the tubers. Where the winters are mild, the clumps may be dried a few hours in the open and stored, with such soil as adheres to them, in a cool, dry place, protected from frost. In cold climates, the dirt should be washed off and the tubers thoroughly dried. Then pack in boxes or barrels and cover with *dry* earth or sand. Keep boxes in a cool, dry basement, raised off the ground, ventilated but away from the furnace and protected from frost.

¶ 1929 ¶

CARL SALBACH

657 Woodmont Ave.

BERKELEY, CALIF.

Dahlias, Dahlia Seed

• *Gladiolus*